FIFTY-YEAR RECO
OF VIRGIN STAND DEVE PMENT
IN SOUTHWESTERN PON DSA
PINE

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USDA Forest Service
General Technical Report RM-
Rocky Mountain Forest and
Range Experiment Station
Forest Service
U.S. Department of Agriculture
Fort Collins, Colorado 80521

Abstract

Avery, Charles C., Frederic R. Larson, and Gilbert H. Schubert.
1976. Fifty-year records of virgin stand development in southwestern ponderosa pine. USDA For. Serv. Gen. Tech. Rep. RM-22,71 p. Rocky Mt. For. and Range Exp. Stn., Fort Collins, Colo. 80521

Ten periodic inventories of an unburned virgin tract of southwestern ponderosa pine near Flagstaff, Arizona, have yielded growth and mortality data on more than 3,000 trees. Fifty years of change on this 40-acre tract are documented, principally in nonmetric units, by (1) individual tree records, (2) 2.5-acre (1.01-ha) subplot summaries of basal area and tree census (tree count) data, and (3) composite stand tables which display volumes (cubic feet and board feet), census data, mortality data and causes, net periodic basal area, volume, and diameter growth. This information should be useful in modeling stand development and also as a data source for research and teaching.

Keywords: *Pinus ponderosa,* stand structure, natural areas.

USDA Forest Service
General Technical Report RM-22

February 1976

Fifty-Year Records of Virgin Stand Development in Southwestern Ponderosa Pine[1]

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[1] *Contribution No. 101 to the Coniferous Forest Biome, U.S. International Biological Program.*

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Introduction

In 1908, the USDA Forest Service began its first research activities in the Southwest by assigning G. A. Pearson to study the silviculture of ponderosa pine *(Pinus ponderosa)* and to devise appropriate management guidelines for this forest type. After the establishment of the Fort Valley Experimental Forest in northern Arizona, Pearson soon selected a 240-acre (97.12-ha) uncut and unburned tract of mature pine to serve as the principal control unit, or standard of comparison, for his experiments. These virgin stands have remained in relatively good vigor—they are largely uninfected by dwarf mistletoe or other pathogens—and are the source of the data presented here (fig. 1). There is no record of any forest fire in the immediate vicinity of the tract.

Figure 1.—Mature stand of ponderosa pine on the Fort Valley Experimental Forest as it appeared in June of 1937.

Because sampling theory was not well developed by 1920, all trees greater than 3.6 inches (9.14 cm) diameter breast height (d.b.h.) were tagged and measured in the initial inventory of 154 acres (62.32 ha) of this virgin tract. Later, a 76-acre portion of this tract was designated a part of the G. A. Pearson Natural Area, and it is from this unit that records of 10 subplots (with a total area of 39.55 acres) have been chosen for final tabulation. These 10 inventories of a virgin tract of ponderosa pine, documenting its development over 50 years, provide a wealth of information concerning the performance of an unmanaged ponderosa pine forest.

These long-term data quantitatively describing the G. A. Pearson Natural Area can, hopefully, serve as a standard of comparison for other managed, utilized, and artificial ecosystems (Ohmann 1973). Furthermore, this 50-year record provides a valid basis for describing the natural stand development of an important North American forest type. The scarcity of this kind of information in American forestry literature, and its necessity for the validation of both ecological and management models, should also make these data useful to a wide variety of investigators.

Since these records have not been statistically analyzed, their significance is not interpreted here.

Description of the Site

The G. A. Pearson Natural Area is located 9 miles (14.5 km) northwest of Flagstaff, Arizona, along U.S. Highway 180 (longitude 111°45' west, latitude 35°16' north). The elevation is 7,400 feet (2,255 m) and the topography is level to very gently rolling. A short distance to the east, the foothills of the San Francisco Peaks break this relief dramatically.

The local climate is strongly influenced by topography. Moreover, scattered thundershower activity in the summer makes point precipitation highly variable, and annual fluctuations of all factors make between-year comparisons difficult. Generally, the cold temperate Mediterranean climate is modified toward a dry regime, with a late spring (May, June) drought being normal. Over

the 60-year period from 1909 to 1968, the weather station at Fort Valley indicated the average annual precipitation to be 22.6 inches (574 mm), the highest summer temperature to be 97°F (36.1°C) and the lowest winter temperature to be -37°F (-38.3°C) (Schubert 1974). The average growing season is only 94 days.

Late Tertiary lava flows are responsible for the characteristics of the soils on the research area. These Brolliar series soils consist of montmorillonite clay-loams which have a high moisture-holding capacity, insuring a source of moisture available to ponderosa pine even during extensive droughts. Although there are some small rock outcrops on the study area, generally the tract has the potential of being fully occupied by trees.

The Natural Area is representative of the southwestern ponderosa pine type. The type exists mainly as a climax forest in pure irregular uneven-aged stands consisting of small even-aged groups varying in size from a few trees to several acres (Schubert 1973). The forest has an abundance of large overmature yellow pines and small blackjacks with a deficiency of trees in the intermediate size classes. ("Blackjack" is the local name given to a relatively young ponderosa pine—generally no older than 150 years—which has dark bark with narrow, rough ridges. It is distinctly different in appearance from a "yellow pine" which has a reddish-brown to yellow bark with wide, smooth plates.) Dense stands of young blackjacks, which were established in 1919, are just now beginning to enter the minimum size class (fig. 2).

Ponderosa pine, a light-demanding species, does not regenerate under low light intensity and cannot tolerate heavy root competition. Where stands are dense, with a basal area stocking greater than 180 ft^2 per acre (41 m^2 per ha), lower vegetation is usually absent (Schubert 1974). Arizona fescue *(Festuca arizonica)* and mountain muhly *(Muhlenbergia montana)* are the major understory species in openings and in stands of low stocking.

The site index of the area is 80 to 85 (height in feet at 100 years of age) (Minor 1964).

Field Inventory Methods

From its beginning, the silvicultural research at Fort Valley had a strong management orientation. Various systems for describing "vigor" were devised, and when inventoried each tree's "condition" was tallied along with its diameter (d.b.h.). Inventories were made every 5 years from 1920 through 1960. The last inventory was made in 1970. At the time of initial inventory in 1920,

Figure 2.—While some overmature trees in this virgin ponderosa pine stand are dead or dying, their place is being filled by young saplings and poles.

every stem larger than the minimum acceptable size (3.6 inches (9.14 cm) d.b.h.) was therefore not only numbered, tagged, and measured, but its condition was also described. In the 1940-60 inventories the minimum size was raised to 7.6 inches (19.30 cm) d.b.h.

Calipers were utilized in early inventory work. The records are not clear as to when the use of the diameter tape became accepted, although it was used prior to the 1960 inventory. The original tree numbers were supplemented by a new numbering scheme in 1950 when a grid of 2.5-acre (1.01-ha) plots was imposed on the tract, but because the original tags remain on each tree a cross correlation has been simple.

The principal requirements demanded by this inventory system were trained and careful observers and adequate funding: the data reveal clearly that some inventory crews were much more attentive to detail in rating tree condition than others.

Automatic Data Processing

Section 1: Individual Tree Data

The original field sheets and tabulations resulting from all inventories were compiled, and this information is presented as the **individual tree data section** of this report. The printed format is an image of the card file.

1. **Age class** indicates whether a tree was judged to be a "blackjack" (code 1) or "yellow pine" (code 2). Only age class data from the 1920, 1940, and 1960 inventories are presented.

2. **Age-vigor** denotes an attempt to classify the growing stock according to its growth potential. In this publication, "age-vigor" is shown for three 15-year periods:

   Period I: 1925-1940
   Period II: 1940-1955
   Period III: 1955-1970

   Age Code (first of two digits):
   1 "young blackjacks", d.b.h. < 12 inches.
   2 "sawtimber-size blackjacks", d.b.h. > 12 inches.
   3 intermediates or young yellow pines (mature).
   4 old yellow pines (overmature).
   Vigor Code (second of two digits):
   0 15-year periodic diameter growth ≥ 2.10 inches.
   1 15-year periodic diameter growth between 1.50 and 2.09 inches.
   2 15-year periodic diameter growth between 0.80 and 1.49 inches.
   3 15-year periodic diameter growth between 0.40 and 0.79 inch.
   4 15-year periodic diameter growth < 0.39 inch.
   "X" Denotes incomplete measurements for the period. Various "Age-Vigor" classes were in vogue during the 40-year period represented by these inventories. Many were a modified Keen class rating (Keen 1943) or a modified Thomson approach (Thomson 1940), both of which utilized crown class schemes. Because it was necessary to obtain uniformity for this publication, a more rigorous approach has been chosen. Note also that the "age" is not strictly defined but is rather subjective except where diameter limits prevail.

3. **Tree condition** refers to whatever faults the observer noted for a particular tree. These observations were subjective, so each subsequent observer might report different defects. The codes for each inventory have been correlated and are listed in the appendix.

4. **D.b.h.** measurements have been made consistently at the same height, which is a permanently marked location on the bole. To complete the sequence of measurements, missing data were calculated by linear extrapolation of the subsequent annual diameter increment. The lower diameter limit is 3.6 inches (9.14 cm).

Section 2: Subplot Data

Individual tree data provide the basis for all compilation in this section as well as section 3. The subplots are nominally 2.5 acres each, and both census (stem count) and basal area data are displayed on a per-acre basis. Diameter class limits are set above the median (i.e., 3.6 to 4.5 inches d.b.h. for the 4-inch diameter class). Basal area subtotals are calculated as sums of the individual trees and not on the basis of class averages.

Section 3: Composite Stand and Stock Tables

Composite tables listing the number of trees and basal area, as well as cubic-foot and board-foot volumes on a per-acre basis, are presented for each year of inventory for the entire tract. These volumes were obtained after constructing a local height-diameter curve, where:

$$Ht = -4.659 + 5.363\ d.b.h. - 0.062\ d.b.h.^2$$

Ht (feet), d.b.h. (inches): $r^2 = 0.89$, $n = 75$.

The actual inventory diameter data and the derived heights provided the independent variables for use in a volume regression equation which has been developed for southwestern ponderosa pine (Myers 1972). To allow for unutilizable wood due

to crook and sweep, and reduced volume due to fork and broken top, the derived volumes were arbitrarily reduced by 10 percent.

Computations were done on an individual tree basis, and the results were summed to obtain the diameter class values which are presented in the stand tables by inventory year. Similar tables for mortality and growth are given for the nine periods between inventories.

There are six summary tables, in two groups of three each. In the first group (p. 69), a table of net average annual diameter growth by size classes and growth periods and a table showing the percent of trees in a diameter class moving up into the next class during the growth period enable one to analyze fluctuations in growth rates. The final table in this first group defines the percent mortality by killing agent on a diameter-class basis for all growth periods. The last row of this table gives a weighted average of mortality by killing agent.

The last group of three tables (p. 71) presents grand totals; they summarize stand, mortality, and net-growth data.

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Appendix

Code	Explanation
00	No apparent defect or fault
01	Unmerchantable—fork or crotch
02	Fork or crotch below 18 feet
03	Fork or crotch above 18 feet
04	Suppressed
05	Pruned
09	Merchantable—spike top
10	Unmerchantable—spike top or complete girdle below 18 feet
11	Unmerchantable—crook or sweep
12	Unmerchantable—limby
13	Leans more than 4° from vertical
14	Merchantable—crook or sweep
20	Mistletoe—light in crown
21	Mistletoe—heavy in crown
22	Mistletoe—light on bole
23	Mistletoe—heavy on bole
24	Mistletoe—on bole and crown
25	Mistletoe—top dead
30	Squirrel—light damage
31	Squirrel—medium damage
32	Squirrel—heavy damage
33	Porcupine—partial girdle in crown
34	Porcupine—partial girdle below crown
35	Porcupine—complete girdle
40	Rust—new in crown
41	Rust—advanced in crown
42	Rust—new in bole
43	Rust—advanced in bole
44	*Elytroderma* (needle blight) in crown
45	Red rot
46	Other heart rot
50	Tipmoth—light
51	Tipmoth—heavy
52	*Dendroctonus* present
53	*Ips* present
54	Turpentine beetles present
55	Shoot moth present
60	Lightning—top dead
61	Lightning—bole split
62	Lightning—scar on one-quarter bole
63	Lightning—scar on over one-quarter bole
64	Fire scar on one-quarter bole at base
65	Fire scar on over one-quarter bole at base
66	Fire—bark burnt on one-half bole at base
67	Fire—bark burnt completely at base
70	Snow bend—less than 30° from vertical
71	Snow bend—from 30° to 45° from vertical
72	Snow bend—more than 45° from vertical
73	Snow—top broken
74	Wind—top broken
76	Lightning—top broken
90	Killing agent—lightning
91	Killing agent—wind
92	Killing agent—insects
93	Killing agent—rust
94	Killing agent—dwarf mistletoe
95	Killing agent—suppressed
96	Killing agent—root rot
98	Killing agent—other identifiable agents (squirrel, snow bend)
99	Killing agent—unidentified agent

Section 1: INDIVIDUAL TREE DATA

TABLE 1.1:

PLOT NO.	SUB PLOT NO.	TREE NO.	AGE CLASS 20	40	60	AGE-VIGOR I	II	III	TREE CONDITION CODE 1920	25	30	35	40	45	50	55	60	70	D.B.H. (INCHES) 1920	25	30	35	40	45	50	55	60	70
61	1	1	1	1	1	10	10	11	0	0	52	0	0	0	0	0	0	0	10.3	11.4	12.5	13.6	14.5	15.4	15.9	16.6	17.0	18.4
61	1	2	1	1	1	20	21	22	0	0	0	0	0	0	0	0	0	0	18.9	19.9	21.1	22.3	23.1	23.8	24.2	24.7	25.0	25.7
61	1	3	1	1	1	1X	1X	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	5.2	5.7	6.2
61	1	4	1	1	1	1X	1X	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	5.3	5.8	6.3
61	1	5	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.2	5.2	6.0	6.8	7.4	7.9	8.4	9.5
61	1	6	2	2	2	24	24	34	0	0	0	0	0	60	0	0	0	60	24.5	24.6	24.6	24.6	24.6	24.7	24.8	24.8	25.1	25.2
61	1	7	2	2	2	22	22	33	0	0	52	0	0	0	30	0	0	0	24.6	24.9	25.2	25.8	26.2	26.8	26.9	27.2	27.3	27.7
61	1	8	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.5	5.0	6.0
61	1	9	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.2	4.7	5.2	5.7	6.2	7.2
61	1	10	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	4.7	5.2	6.2
61	1	11	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	4.9	5.4	5.9	6.9
61	1	12	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.3	4.8	5.3	5.8	6.8
61	1	13	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.1	4.6	5.1	5.6	6.1	7.1
61	1	14	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.3	4.8	5.3	5.8	6.8
61	1	15	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	3.9	4.4	4.5	5.4	5.9	6.4	6.9	7.9
61	1	16	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	4.6	5.1	6.1
61	1	17	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.6	4.4	4.9	5.4	6.4
61	1	18	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	4.6	5.1	6.1
61	1	19	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.3	4.8	5.3	5.8	6.3	7.3
61	1	20	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	4.7	5.2	6.2
61	1	21	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	4.7	5.2	6.2
61	1	22	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.5	5.0	5.5	6.5
61	1	23	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.1	4.6	5.1	5.6	6.1	7.1
61	1	24	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.3	4.8	5.3	5.8	6.8
61	1	25	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	3.5	4.9	6.1	7.4	8.1	8.9	10.0
61	1	26	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	2	.0	.0	.0	3.8	4.7	5.7	6.9	7.6	8.4	9.7
61	1	27	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	4.1	5.1	6.1	7.6	8.4	9.1	10.5
61	1	28	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.1	4.9	6.1	6.6	7.3	8.3
61	1	29	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	4.2	4.9	5.4	6.0	7.0
61	1	30	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	5.2	6.5
61	1	31	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	.0	.0	4.6	6.1
61	1	32	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.1	6.8
61	1	33	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.9	6.4
61	1	34	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.5	6.0	6.9	7.7	9.2
61	1	35	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.5	
61	1	36	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	5.1	6.0	6.9	8.4
61	1	37	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.9	5.8	6.7	8.2
61	1	38	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.5	6.3	7.4	8.8	9.4
61	1	39	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	6.1
61	1	40	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.8	5.5	6.4	7.9
61	1	41	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.7	6.2
61	1	42	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	3	3	.0	.0	.0	.0	.0	.0	3.6	4.5	5.2	6.7
61	1	43	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	3	3	.0	.0	.0	.0	.0	.0	.0	4.1	4.8	6.3
61	1	44	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	5.1	5.8	7.3
61	1	45	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.7	6.2
61	1	46	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	3	3	.0	.0	.0	.0	4.2	5.2	6.2	7.4	8.8	10.0
61	1	47	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.0	6.6
61	1	48	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	4.9	6.4
61	1	49	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	3.9	4.6	6.2	7.4	9.0	10.8
61	1	50	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	5.2	6.0	6.9	8.4
61	1	51	1	1	1	1X	10	10	0	0	0	0	0	0	3	3	3		.0	.0	.0	.0	4.1	4.9	6.0	6.9	7.7	9.2
61	1	52	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.6	6.1
61	1	53	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	4.8	6.3
61	1	54	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	4.9	6.4
61	1	55	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.4	5.1	6.8
61	1	56	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.7	5.4	6.2	7.7
61	1	57	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.8	6.2
61	1	58	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	83	.0	.0	.0	.0	.0	4.5	6.0	7.0	7.8	9.4
61	1	59	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.5	6.0	7.0	7.8	9.4
61	1	60	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.0	4.9	5.6	7.4	8.6	10.0
61	1	61	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	4.3	6.1	7.4	8.1	10.2
61	1	62	1	1	1	1X	1X	11	0	0	0	0	0	0	2	2	2	2	.0	.0	.0	.0	.0	.0	4.1	4.6	5.2	6.2
61	1	63	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.7	5.5	6.5
61	1	64	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	5.1	5.9	6.9
61	1	65	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	5.0	5.6	6.6
61	1	66	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.4	5.4	6.0	7.0
61	1	67	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	5.9	6.8	7.4	8.8
61	1	68	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	4.0	4.9	5.5	6.5
61	1	69	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	5.1	5.8	6.8
61	1	70	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.8	6.0	6.8	7.8
61	1	71	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.8	5.7	6.4	7.4
61	1	72	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	5.1	6.1
61	1	73	0	1	1	44	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.0	5.4	6.5	7.4	8.3	9.3
61	1	74	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.0	6.0
61	1	75	1	1	1	20	22	22	0	0	52	0	0	0	0	0	0	0	26.8	27.8	28.8	30.0	30.8	31.2	31.6	31.9	32.4	33.3
61	1	76	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	5.0	5.8	6.6	7.6
61	1	77	1	1	1	10	10	12	0	0	0	0	0	0	0	0	0	0	.0	4.8	5.1	6.8	8.1	9.2	9.9	10.6	11.1	11.9
61	1	78	0	1	1	44	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.0	5.1	6.3	7.4	8.0	8.9
61	1	79	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.1	5.8	7.1	8.4	9.3	10.2	10.9	11.9
61	1	80	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.9	5.5	6.3	7.3
61	1	81	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.8	5.6	6.6
61	1	82	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	5.2	6.2
61	1	83	0	1	1	44	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.3	5.6	6.3	7.3	8.3	9.6
61	1	84	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	5.0	5.8	6.8
61	1	85	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.6	5.4	6.4
61	1	86	1	1	1	1X	10	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	3.7	4.0	5.8	6.7	7.7	8.2	9.0
61	1	87	1	1	1	1X	10	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.1	4.2	5.5	6.3	7.4	7.7	8.2
61	1	88	1	1	1	1X	10	12	0	0	0	0	0	0	0	0	0	0	.0	.0	4.1	6.0	7.1	8.1	8.6	9.4	9.8	10.8
61	1	89	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	5.1	6.0	6.8	7.8
61	1	90	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.8	5.4	6.4

61	1	91	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	5.1	6.1
61	1	92	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	5.4	6.4	7.4
61	1	93	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.5	5.7	6.7
61	1	94	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	4.2	5.9	6.9	7.9
61	1	95	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	5.2	6.2
61	1	96	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	5.2	6.2
61	1	97	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	5.3	6.3
61	1	98	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	5.6	6.6	7.6
61	1	99	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.9	5.9
61	1	100	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.5	5.6	6.6
61	1	101	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.4	6.4
61	1	102	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.8	4.7	6.5	7.3	8.3
61	1	103	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	5.1	6.1	7.1
61	1	104	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.4	6.1	7.1	8.1
61	1	105	2	2	2	43 44 44	9	9	9	9	9	9	9	9	9	52	15.1	15.2	15.3	15.5	15.7	15.9	15.9	16.0	16.1	16.2
61	1	106	2	2	2	32 33 32	0	0	0	0	0	0	0	0	0	14	20.9	21.0	21.1	21.4	22.0	22.4	22.5	22.7	22.9	23.6
61	1	107	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.7	5.2	6.2
61	1	108	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.9	5.8	6.8
61	1	109	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.3	6.3
61	1	110	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	5.4	6.4	7.4
61	1	111	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	5.0	6.5	7.5
61	1	112	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	5.3	6.5	7.5
61	1	113	1	1	1	10 10 22	33	35	35	0	0	0	0	0	0	0	6.7	7.8	9.5	10.8	11.8	12.6	13.4	14.0	14.5	15.4
61	1	114	1	1	1	1X 10 12	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	4.0	5.9	7.0	8.1	8.6	9.5
61	1	115	1	1	1	10 11 12	0	33	0	0	0	0	0	0	0	0	4.1	5.1	6.3	7.3	8.2	8.8	9.2	9.7	10.1	10.9
61	1	116	1	1	1	1X 10 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	3.6	4.7	6.1	7.4	8.1	9.3
61	1	117	1	1	1	1X 1X 12	0	0	0	0	0	0	33	33	33	0	33	.0	.0	.0	.0	.0	4.4	4.9	5.7	6.2	6.8
61	1	118	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	4.1	4.9	5.5	6.5	8.0
61	1	119	1	1	1	10 10 11	0	0	0	0	0	0	0	0	0	0	.0	4.0	5.7	7.2	8.5	9.5	10.2	10.9	11.5	12.6
61	1	120	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.8	4.6	5.2	5.8	7.0
61	1	121	1	1	1	1X 1X 12	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	.0	4.0	5.0	6.0	6.4	7.4
61	1	122	1	1	1	1X 11 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.0	5.1	6.0	6.6	7.1	7.7	8.8
61	1	123	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	4.8	5.3	6.3
61	1	124	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	4.6	5.1	6.1
61	1	125	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	4.8	5.3	6.3
61	1	126	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.4	6.2	6.8	7.3	8.3
61	1	127	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.6	4.6	5.8	6.3	7.3
61	1	128	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.9	5.8	6.8
61	1	129	1	1	1	2X 10 10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.0	5.3	6.8	7.7	8.9	9.8	11.9
61	1	130	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	4.9	5.6	6.6
61	1	131	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.5	5.0	6.0
61	1	132	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	4.9	5.5	6.5
61	1	133	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.6	5.3	6.3
61	1	134	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	5.1	5.7	6.7
61	1	135	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	9	9	.0	.0	.0	.0	.0	.0	4.1	4.8	5.5	6.5
61	1	136	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	5.3	6.0	7.0	8.0
61	1	137	1	1	1	1X 11 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	3.9	5.1	5.9	6.3	6.7	7.3	8.3
61	1	138	1	1	1	1X 1X 12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.9	6.1	6.1	7.1
61	1	139	1	1	1	10 11 21	0	34	0	0	0	0	0	2	0	0	4.0	5.7	7.5	8.6	9.9	10.7	11.1	11.7	12.2	13.4
61	1	140	1	1	1	1X 12 13	0	0	0	0	0	0	0	0	0	14	.0	.0	3.8	4.5	5.1	5.6	5.6	6.0	6.3	6.7
61	1	141	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	5.0	6.1	7.1
61	1	142	1	1	1	10 11 12	0	0	0	0	0	0	0	0	0	2	.0	3.7	4.8	6.3	7.3	8.1	8.6	9.0	9.1	10.1
61	1	143	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.4	4.9	5.4	6.4
61	1	144	1	1	1	1X 1X 12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.7	5.1	6.1
61	1	145	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.1	4.9	5.1	6.2	7.2
61	1	146	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	5.8	6.3	7.0	8.0
61	1	147	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	4.9	5.9	6.9
61	1	148	1	1	1	1X 11 10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	3.9	5.4	6.3	6.8	7.4	8.9	10.0
61	1	149	1	1	1	1X 10 12	0	0	0	0	0	0	0	0	0	0	.0	.0	4.0	5.0	6.3	7.4	8.0	8.8	9.3	10.2
61	1	150	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	4.7	5.3	6.0	7.0
61	1	151	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	5.0	5.8	7.1
61	1	152	1	1	1	1X 10 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.3	5.6	6.8	7.9	8.5	9.5
61	1	153	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	5.1	6.0	7.6
61	1	154	1	1	1	1X 10 11	0	0	0	0	0	14	14	14	14	14	.0	.0	4.3	6.0	7.2	8.2	8.7	9.5	10.0	11.1
61	1	155	1	1	1	1X 10 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	3.6	5.3	6.4	7.1	7.9	8.5	9.4
61	1	156	1	1	1	10 10 21	0	0	0	0	0	14	14	14	3	3	.0	3.8	5.9	7.6	8.9	9.9	10.6	11.4	12.0	13.1
61	1	157	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.5	5.3	6.8
61	1	158	1	1	1	1X 10 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.5	4.9	5.5	6.3	7.8	8.4	9.4
61	1	159	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	.0	4.4	5.4	6.9
61	1	160	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.7	4.4	5.0	6.1	7.6
61	1	161	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.8	6.0
61	1	162	1	1	1	1X 10 10	0	0	0	0	0	0	0	0	0	0	.0	.0	3.9	4.7	5.3	6.2	7.0	8.0	8.7	10.4
61	1	163	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	4.4	5.2	6.3	7.8
61	1	164	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.4	5.1	6.5
61	1	165	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.8	4.5	5.1	6.0	7.4
61	1	166	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.7	4.5	5.3	6.2	7.6
61	1	167	1	1	1	21 23 24	0	0	0	0	0	0	0	0	0	0	28.8	29.2	29.6	30.3	30.8	31.0	31.1	31.3	31.4	31.6
61	1	168	1	1	1	1X 10 10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.0	4.7	5.4	6.6	7.6	8.4	9.8
61	1	169	1	1	1	1X 10 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.3	5.1	5.9	6.5	7.2	8.4
61	1	170	1	1	2	22 24 34	0	0	0	0	0	0	0	0	0	0	28.4	28.8	29.2	29.8	30.1	30.5	30.5	30.5	30.7	30.8
61	1	171	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.8	5.8	7.0
61	1	172	1	1	1	1X 1X 10	0	0	0	0	0	0	0	3	3	3	.0	.0	.0	.0	.0	3.6	4.4	5.2	6.3	7.9
61	1	173	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	5.0	5.9	7.2
61	1	174	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	4.9	6.2
61	1	175	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.8	4.5	5.2	6.9
61	1	176	1	1	1	1X 10 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.1	5.0	6.1	6.9	7.6	8.8
61	1	177	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	3	3	.0	.0	.0	.0	.0	.0	4.0	4.7	5.4	6.9
61	1	178	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.8	5.5	6.9
61	1	179	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.6	4.5	5.3	6.2	7.8
61	1	180	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.7	6.0
61	1	181	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.9	4.6	5.3	6.6
61	1	182	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.6	4.5	5.3	6.9	8.3
61	1	183	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	33	33	.0	.0	.0	.0	.0	.0	4.0	4.7	5.4	6.9
61	1	184	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.7	6.0
61	1	185	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.4	5.1	6.5
61	1	186	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.5	4.6	6.0	7.4
61	1	187	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.8	4.7	5.9	7.3
61	1	188	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	5.4	6.4	7.9
61	1	189	1	1	1	1X 1X 10	0	0	0	0	0	0	0	0	33	33	.0	.0	.0	.0	.0	.0	4.2	5.0	6.0	7.5
61	1	190	1	1	1	1X 1X 11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	4.9	6.2

61	1	191	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.7	4.7	5.7	6.8	8.3
61	1	192	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.5
61	1	193	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.9	6.4
61	1	194	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.3	4.8	5.4	6.3	6.9	7.3	8.9
61	1	195	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	14	14	.0	.0	.0	.0	.0	.0	.0	4.5	5.2	6.8
61	1	196	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	4.9	5.5	6.8
61	1	197	1	1	1	1X	1X	11	0	0	0	0	0	C	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	4.9	6.2
61	1	198	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.9	4.6	5.4	6.6
61	1	199	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	33	33	.0	.0	.0	.0	.0	.0	4.1	4.9	5.9	7.3
61	1	200	1	1	1	1X	1X	11	0	0	0	C	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	4.9	6.2
61	1	201	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	4.9	5.8	7.1
61	1	202	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.9	4.6	5.2	6.7
61	1	203	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.9	4.7	5.3	6.8
61	1	204	1	1	1	21	22	22	64	64	42	0	0	0	0	0	0	0	23.8	24.5	25.2	25.9	26.4	26.9	27.0	27.5	27.8	28.4
61	1	205	1	1	1	20	22	24	3	3	3	3	0	0	0	62	0	0	22.8	23.7	24.6	25.4	26.2	26.5	26.7	27.1	27.3	27.4
61	1	206	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.5
61	1	207	1	1	2	20	22	24	0	0	0	0	0	0	0	0	0	0	19.3	20.2	21.2	22.0	22.3	23.0	23.2	23.3	23.5	23.5
61	1	208	1	1	2	21	22	22	0	4	0	0	0	0	0	0	0	0	17.6	18.1	18.7	19.1	19.6	20.0	20.3	20.6	21.0	21.9
61	1	209	2	2	2	32	32	32	0	52	52	0	30	30	52	23	23	0	19.4	19.8	20.2	20.6	21.2	21.5	21.8	22.1	22.4	23.1
61	1	210	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	3.6	4.6	5.5	6.7	7.5	8.3	9.2
61	1	211	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.0	5.1	6.1	7.1	8.1	9.0	10.5
61	1	212	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	5.1	6.2	7.0	8.2
61	1	213	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.6	5.9	7.1
61	1	214	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.9	6.1
61	1	215	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	.0	4.3	5.2	6.7
61	1	216	1	1	1	1X	10	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	3.7	4.7	5.7	6.7	7.7	8.1	9.1
61	1	217	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	5.4	6.9	8.1
61	1	218	1	1	1	10	10	10	0	0	0	0	0	0	0	0	0	0	.0	4.1	5.1	6.1	7.7	8.9	9.7	10.5	11.2	12.6
61	1	219	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	4.9	6.0
61	1	220	1	1	2	24	23	32	4	3	3	0	3	14	30	3	3	3	21.4	21.4	21.4	21.5	21.7	22.0	22.1	22.2	22.3	23.6
61	1	221	1	1	1	22	22	24	0	65	0	0	0	14	0	0	0	0	19.4	20.0	20.6	21.0	21.3	21.8	22.0	22.3	22.5	22.7
61	1	222	1	1	2	22	24	33	0	65	0	0	0	14	30	30	0	0	20.7	21.1	21.5	21.7	22.1	22.3	22.3	22.4	22.6	22.8
61	1	223	1	1	1	22	23	24	2	2	2	2	30	0	30	2	0	0	21.5	21.7	21.9	22.2	22.5	22.8	22.8	23.0	23.0	23.2
61	1	224	1	1	2	22	23	34	0	0	52	0	31	30	31	30	0	0	23.7	24.0	24.3	24.6	24.8	25.0	25.1	25.3	25.3	25.7
61	1	225	1	1	1	1X	1X	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	5.6	6.5	7.0
61	1	226	1	1	1	20	21	22	0	0	0	0	0	0	30	0	0	0	22.7	23.5	24.3	25.1	25.7	26.5	27.0	27.4	27.9	28.5
61	1	227	1	1	1	21	22	22	2	2	2	2	0	14	30	2	0	0	14.7	15.1	15.8	16.1	16.7	17.2	17.4	17.8	18.3	19.1
61	1	228	2	2	2	33	33	34	0	0	52	0	0	0	0	0	0	0	24.3	24.6	24.9	25.1	25.3	25.6	25.7	25.8	25.9	26.2
61	1	229	2	2	2	32	33	32	0	0	52	0	0	0	0	0	0	0	20.8	21.2	21.6	22.0	22.4	22.6	22.9	23.1	23.4	24.0
61	1	230	1	1	1	21	23	23	0	0	0	0	0	0	30	0	0	0	20.8	21.3	21.8	22.3	22.9	23.1	23.2	23.5	23.7	24.1
61	1	231	1	1	1	21	23	23	4	4	0	0	0	0	0	30	0	0	20.6	21.2	21.8	22.2	22.8	23.0	23.2	23.4	23.6	24.1
61	1	232	2	2	2	33	34	34	0	0	0	0	0	0	31	30	0	0	16.8	17.1	17.4	17.7	17.9	18.1	18.1	18.2	18.2	18.3
61	1	233	1	1	1	22	23	23	0	0	0	0	0	3	30	30	0	0	23.9	24.4	24.9	25.0	25.6	26.0	26.1	26.3	26.4	26.9
61	1	234	1	1	2	22	22	33	0	0	0	0	0	0	30	30	0	0	24.0	24.5	25.0	25.3	25.8	26.1	26.3	26.6	26.8	27.2
61	1	235	1	1	1	20	22	22	0	0	0	0	0	0	0	0	0	0	22.1	23.0	23.9	24.7	25.3	25.8	26.2	26.6	26.9	27.8
61	1	236	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	5.2	6.3	7.8
61	1	237	1	1	1	10	10	11	0	0	0	0	0	0	0	0	0	0	.0	4.1	5.4	6.7	7.8	8.7	9.4	10.1	10.8	12.1
61	1	238	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.4	6.7
61	1	239	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	5.3	6.6
61	1	240	1	1	1	1X	1X	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	5.6	6.3	7.0	7.6
61	1	241	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.1	5.9	7.1	7.8	8.4	10.0
61	1	242	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.2	6.7
61	1	243	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	5.0	6.5
61	1	244	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	5.1	6.2	7.5
61	1	245	2	2	2	33	34	34	62	62	52	0	52	52	52	52	52	90	25.7	25.8	25.9	26.1	26.4	26.5	26.5	26.6	26.7	26.7
61	1	246	1	1	2	23	24	34	3	3	3	3	3	42	43	43	43	93	20.6	20.8	21.0	21.2	21.4	21.5	21.5	21.5	21.5	21.5
61	1	247	2	2	2	43	44	4X	60	9	52	9	9	9	9	9	90	0	22.3	22.9	23.1	23.4	23.4	23.4	23.5	23.5	23.5	.0
61	1	248	2	2	0	43	44	44	60	9	9	9	9	9	9	91	0	0	38.5	38.7	39.0	39.2	39.3	39.3	39.3	39.3	.0	.0
61	1	249	2	2	2	44	44	44	9	9	9	9	30	30	30	30	52	92	26.0	26.2	26.4	26.5	26.5	26.9	26.9	26.9	26.9	26.9
61	1	250	2	0	0	4X	44	44	52	52	92	0	0	0	0	0	0	0	19.7	19.8	19.8	.0	.0	.0	.0	.0	.0	.0
61	1	251	2	2	2	32	34	34	0	0	0	0	30	31	31	31	32	98	23.4	23.8	24.2	24.6	24.7	24.8	24.8	24.8	24.8	24.8
61	1	252	2	2	0	33	3X	44	9	9	62	9	9	9	90	0	0	0	26.7	26.9	27.1	27.1	27.3	27.4	27.4	.0	.0	.0

TABLE 1.2:

PLOT NO.	SUB PLOT NO.	TREE NO.	AGE CLASS 20	40	60	AGE-VIGOR I	II	III	TREE CONDITION CODE 1920	25	30	35	40	45	50	55	60	70	D.B.H. (INCHES) 1920	25	30	35	40	45	50	55	60	70
61	2	1	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	6.1
61	2	2	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.0
61	2	3	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.6	6.5
61	2	4	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.7	5.2	7.1
61	2	5	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.6	6.5
61	2	6	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.4	5.2	6.0	7.4
61	2	7	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.7	5.2	7.1
61	2	8	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	3.7	4.5	5.3	6.0	7.6
61	2	9	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.0	6.9
61	2	10	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.8	5.3	7.2
61	2	11	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	3.8	4.5	5.3	6.0	6.7	7.4	9.5
61	2	12	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	3.7	4.5	5.3	6.0	6.9	8.2
61	2	13	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	6.1
61	2	14	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.8	6.4
61	2	15	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.9	6.5
61	2	16	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.9	6.2	7.8
61	2	17	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.8	5.3	7.3
61	2	18	2	2	2	42	42	43	0	0	0	0	0	0	0	0	0	14	32.4	33.0	33.6	34.2	34.4	34.9	35.0	35.4	35.5	35.8
61	2	19	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.8	6.6
61	2	20	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	6.1
61	2	21	1	1	1	10	10	10	0	0	0	0	0	0	0	0	0	0	.0	4.0	4.9	5.9	6.9	7.9	8.9	9.9	11.1	13.3
61	2	22	1	1	1	1X	10	12	0	0	0	0	0	0	0	0	0	33	.0	.C	.0	3.8	4.5	5.3	6.0	6.7	6.8	8.1
61	2	23	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.7	6.2
61	2	24	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	3.9	4.5	5.2	5.8	6.4	7.0	7.7	9.0
61	2	25	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	3.9	4.5	5.2	5.8	6.5	7.2	8.0	9.1
61	2	26	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.4	5.2	5.6	6.4	7.0	7.7	9.0
61	2	27	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	3.8	4.6	5.3	6.0	7.0	7.7	9.5
61	2	28	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.7	6.2
61	2	29	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	52	.0	.0	.0	.0	4.4	5.3	6.7	7.5	8.3	9.9
61	2	30	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.4	5.2	6.0	7.4

61	2	31	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	3.7	4.5	5.4	6.2	7.0	7.9
61	2	32	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.9	5.5	6.3	7.2
61	2	33	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.9	5.5	6.3	7.2
61	2	34	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	5.0	5.9	6.8
61	2	35	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.8	4.5	6.0
61	2	36	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	3.6	4.5	5.4	6.3	7.1	7.9	9.2	11.1
61	2	37	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	5.2	6.0	6.8	7.7
61	2	38	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.1	5.3	6.1	6.9	7.8
61	2	39	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.3	5.4	6.2	7.0	7.7	8.5	10.0
61	2	40	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	5.4	6.2	7.0	7.9
61	2	41	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.0	6.5
61	2	42	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.8	5.6	6.4	7.3
61	2	43	1	1	1	1X	1X	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.6	5.4	6.0
61	2	44	1	1	1	1X	11	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.1	5.0	5.9	6.2	7.3	8.8
61	2	45	1	1	1	10	10	10	0	0	0	0	0	0	0	0	0	0	4.0	4.8	5.6	6.4	7.2	8.0	8.9	10.0	11.0	13.1
61	2	46	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	5.0	6.6
61	2	47	1	1	1	1X	11	10	0	0	0	0	0	0	0	0	0	0	.0	.0	3.8	4.5	5.3	6.0	6.7	7.0	8.0	9.3
61	2	48	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.8	6.4
61	2	49	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.8	5.2	6.8
61	2	50	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.2	5.0	5.9	6.7	7.6	9.3
61	2	51	1	1	2	21	22	30	0	0	0	0	0	0	0	0	0	0	18.6	19.5	20.4	21.0	21.3	21.5	21.8	22.2	22.8	24.5
61	2	52	1	1	1	24	20	23	0	0	0	0	0	0	0	0	0	0	25.6	26.2	26.8	27.4	22.7	28.1	28.4	28.5	28.7	29.1
61	2	53	1	1	2	20	22	34	0	0	34	14	0	9	0	0	60	52	22.7	28.8	29.9	30.8	31.4	31.9	32.1	32.5	32.7	32.9
61	2	54	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.3	5.2	6.0	6.8	7.5	8.9
61	2	55	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.0	4.8	5.7	6.6	7.5	9.2
61	2	56	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.8	5.2	6.8
61	2	57	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.0	4.9	5.6	6.4	7.2	8.0	10.3
61	2	58	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.7	5.1	6.4
61	2	59	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	4.3	5.2	6.0	6.8	7.5	8.8
61	2	60	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.9	5.6	6.2	7.1
61	2	61	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	3	.0	.0	.0	.0	.0	.0	.0	4.0	4.7	6.0
61	2	62	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.8	6.1
61	2	63	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.0	4.7	5.4	6.1	6.8	8.1
61	2	64	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.8	6.1
61	2	65	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.1	4.9	5.9	6.9	8.9
61	2	66	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.9	5.7	7.7
61	2	67	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	5.1	5.9	7.9
61	2	68	1	1	1	21	23	24	0	0	30	0	0	0	31	32	0	9	18.4	19.2	19.8	20.4	21.1	21.5	21.6	21.7	21.7	21.8
61	2	69	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.1	7.0
61	2	70	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	3	.0	.0	.0	.0	.0	.0	4.2	5.2	6.2	8.2
61	2	71	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.0
61	2	72	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.8	4.5	6.2
61	2	73	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	6.1
61	2	74	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.7
61	2	75	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	6.1
61	2	76	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	.0	.0	.0	4.4	6.1
61	2	77	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	6.1
61	2	78	1	1	1	20	22	23	0	20	0	0	0	22	30	22	23	52	16.2	17.1	18.0	18.8	19.5	20.1	20.5	20.9	21.2	21.6
61	2	79	1	1	1	20	20	21	0	0	0	0	0	0	0	0	0	0	16.4	17.5	18.8	20.4	20.7	22.3	23.1	24.1	24.8	26.0
61	2	80	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.9
61	2	81	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.0
61	2	82	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.8	4.5	6.2
61	2	83	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.9	6.6
61	2	84	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.2	5.0	5.8	6.6	7.4	8.4
61	2	85	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.8	5.6	7.3
61	2	86	1	1	1	10	10	12	0	0	0	0	0	0	0	0	0	0	.0	3.5	4.6	6.1	7.1	7.9	9.3	9.4	9.7	10.7
61	2	87	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.9	6.6
61	2	88	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.4	5.3	6.4	8.4
61	2	89	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.7	6.4
61	2	90	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.2
61	2	91	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.0	5.0	6.4	7.8	8.5	9.9
61	2	92	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.9	6.9
61	2	93	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.6	4.5	5.6	7.4
61	2	94	1	0	0	1X	44	44	0	0	0	0	0	0	0	0	0	0	.0	.0	4.7	8.0	.0	.0	.0	.0	.0	.0
61	2	94	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.7	6.6	7.7	8.6	9.2	9.9	10.4	11.6
61	2	95	1	1	1	1X	10	12	0	0	0	0	0	0	0	0	0	0	.0	.0	3.8	5.5	6.4	7.3	7.9	8.5	9.0	9.9
61	2	96	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	.0	.0	4.0	4.7	6.3
61	2	97	1	1	1	1X	1X	1C	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.6	4.5	6.3
61	2	98	1	1	1	12	12	11	0	0	0	0	0	0	0	0	0	0	.0	4.0	4.7	4.9	5.1	5.3	5.5	6.2	6.9	7.9
61	2	99	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.0	5.0	6.4	7.2	7.8	8.4	9.2	10.4
61	2	100	1	1	1	1X	11	12	0	0	0	0	0	0	0	0	0	52	.0	.0	4.5	5.8	6.6	7.5	8.0	8.4	8.6	9.4
61	2	101	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.7	6.3
61	2	102	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	5.6	6.6	8.6
61	2	103	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.9	5.8	7.6
61	2	104	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.7	5.6	7.3
61	2	105	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	3	.0	.0	.0	.0	.0	.0	.0	4.3	5.2	7.0
61	2	106	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.5	6.7
61	2	107	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.9	6.7
61	2	108	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	4.9	5.9	7.5
61	2	109	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.7	5.7	6.5	7.8
61	2	110	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.0	5.2	6.0	6.6	7.1	7.8	8.6
61	2	111	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.1	6.9
61	2	112	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.9	6.7
61	2	113	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	.0	4.0	4.9	5.6	7.3
61	2	114	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.0	4.8	6.5	7.7	8.7	9.9
61	2	115	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	5.6	7.3
61	2	116	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.7	7.4
61	2	117	1	1	1	1X	10	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	3.8	4.5	5.4	6.2	7.0	7.6	8.4
61	2	118	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.0	7.0
61	2	119	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.6	5.3	7.2
61	2	120	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.6	4.5	5.2	7.2
61	2	121	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	5.2	6.1	7.9
61	2	122	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.9	5.9	6.8
61	2	123	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.7	4.5	6.1
61	2	124	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.0	4.8	6.4	7.3	8.0	8.8	9.4	10.9
61	2	125	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.0	4.7	5.9	6.7	7.3	7.8	8.9
61	2	126	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.8	4.5	6.0
61	2	127	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	5.2	6.5	8.4
61	2	128	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.5	4.5	5.6	7.4
61	2	129	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	4.1	4.9	5.9	6.8

61	2	130	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	.0	.0	4.4	5.4	6.4
61	2	131	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.2	6.1
61	2	132	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	2	.0	.0	.0	.0	.0	.0	3.5	4.5	5.5	6.4
61	2	133	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	5.3	6.2	8.4
61	2	134	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.9	6.1
61	2	135	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.4	5.2	6.5
61	2	136	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.0	4.8	5.5	6.0	6.5	7.5
61	2	137	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.3	5.0	5.8	6.7	7.3	8.3
61	2	138	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	4.9	6.1
61	2	139	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.8	5.6	7.5
61	2	140	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.0	6.9
61	2	141	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	5.4	7.2
61	2	142	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.3	7.3
61	2	143	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.8	6.1
61	2	144	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	3	.0	.0	.0	.0	.0	.0	.0	4.3	5.1	6.3
61	2	145	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.8	6.0
61	2	146	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.7	6.0
61	2	147	1	1	1	10	10	11	0	0	0	0	0	0	0	0	0	0	.0	4.1	5.0	6.7	7.8	8.7	9.2	10.1	10.7	12.0
61	2	148	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	34	.0	.0	.0	.0	.0	.0	.0	4.0	4.8	6.1
61	2	149	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.6	5.3	6.3
61	2	150	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.5
61	2	151	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.8	4.5	6.0
61	2	152	2	2	2	31	33	33	0	0	0	0	0	0	0	0	0	0	23.6	24.1	24.6	25.5	25.7	26.1	26.2	26.3	26.5	26.9
61	2	153	2	2	2	42	43	44	0	0	52	60	0	0	0	0	0	0	33.4	33.8	34.2	34.5	34.6	34.8	34.9	35.1	35.2	35.3
61	2	154	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.7	5.4	6.9
61	2	155	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.7	6.2
61	2	156	2	2	2	43	44	44	0	0	0	0	0	0	0	0	0	0	28.2	28.4	28.6	28.9	29.1	29.2	29.2	29.3	29.3	29.4
61	2	157	2	2	2	44	44	44	0	0	0	0	0	0	0	0	0	0	18.2	18.4	18.4	18.6	18.6	18.7	18.7	18.8	18.8	18.9
61	2	158	2	2	2	43	44	44	0	60	52	64	0	0	0	0	0	0	23.5	23.7	23.9	24.1	24.2	24.3	24.3	24.3	24.4	24.4
61	2	159	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	4.9	5.7	7.0
61	2	160	1	1	1	20	21	21	0	0	0	0	0	64	0	0	0	0	11.0	12.6	13.3	14.4	15.1	15.9	16.5	17.0	17.6	18.8
61	2	161	1	1	1	21	22	23	2	2	2	2	2	2	2	2	2	2	15.1	15.8	16.5	16.9	17.3	17.8	18.1	18.5	18.7	19.1
61	2	162	1	1	1	21	22	22	0	73	0	0	0	0	0	0	0	0	11.5	12.1	12.7	13.4	13.9	14.4	14.6	15.2	15.4	16.1
61	2	163	1	1	1	24	24	24	0	74	0	0	0	0	0	0	0	91	22.3	22.6	22.6	22.6	22.7	22.7	22.7	22.7	22.8	22.8
61	2	164	1	1	1	23	22	22	0	0	0	0	0	0	0	0	0	0	13.8	14.0	14.2	14.3	14.7	15.1	15.3	15.8	16.1	16.6
61	2	165	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.8	5.8	6.8	8.8
61	2	166	2	2	2	33	34	34	0	0	0	0	0	0	0	13	0	0	25.0	25.2	25.4	25.7	25.8	25.8	26.0	26.0	26.0	26.0
61	2	167	2	2	2	44	44	44	0	0	0	0	0	0	0	0	0	52	30.0	30.2	30.3	30.4	30.5	30.6	30.6	30.6	30.6	30.6
61	2	168	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	4.8	6.6
61	2	169	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	4.9	6.7
61	2	170	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.6	6.1
61	2	171	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.9	6.9
61	2	172	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	3	.0	.0	.0	.0	.0	.0	.0	4.4	5.2	7.0
61	2	173	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.6	6.1
61	2	174	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	4.9	6.0
61	2	175	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	4.7	5.2	6.6
61	2	176	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	3	.0	.0	.0	.0	.0	3.7	4.5	5.3	6.1	7.9
61	2	177	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.4	5.0	6.2
61	2	178	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.4	5.3	6.0	7.4
61	2	179	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.8	5.8	6.8	8.8
61	2	180	1	1	1	1X	1X	11	0	0	0	0	0	0	0	3	3	3	.0	.0	.0	.0	.0	.0	4.0	4.5	5.1	6.3
61	2	181	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	5.0	6.0	8.0
61	2	182	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	4.8	5.5	6.5
61	2	183	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	3	3	.0	.0	.0	.0	.0	.0	4.2	5.1	6.0	7.8
61	2	184	1	1	1	1X	1X	10	0	0	0	0	0	0	14	14	14	14	.0	.0	.0	.0	.0	4.0	4.9	5.9	6.9	8.9
61	2	185	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.8	5.8	6.8	8.8
61	2	186	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.4	5.4	6.4	7.4	9.4
61	2	187	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.1	5.1	6.1	7.1	8.1	8.8	9.9
61	2	188	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.0	6.5
61	2	189	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.7	5.4	6.9
61	2	190	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	4.8	5.5	7.0
61	2	191	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.5	5.2	6.7
61	2	192	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.0	6.4
61	2	193	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.0	6.4
61	2	194	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.8	6.2
61	2	195	1	1	1	1X	1X	10	0	0	0	0	0	0	0	14	0	0	.0	.0	.0	.0	.0	.0	.0	4.4	5.1	6.5
61	2	196	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	14	14	.0	.0	.0	.0	.0	.0	.0	4.4	5.1	6.5
61	2	197	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.7	6.1
61	2	198	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	4.5	5.2	6.7
61	2	199	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	52	.0	.0	3.9	4.8	5.8	6.7	7.7	8.6	9.3	10.5
61	2	200	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	5.2	6.2	8.2
61	2	201	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.4	5.0	6.3	7.6	8.9
61	2	202	1	1	1	1X	1X	11	0	0	0	0	0	0	2	2	0	0	.0	.0	.0	.0	.0	.0	4.0	4.6	5.2	6.4
61	2	203	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	2	2	.0	.0	.0	.0	.0	.0	4.5	5.3	6.0	7.7
61	2	204	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.4	5.0	5.8	7.5
61	2	205	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.4	5.0	5.7	7.4
61	2	206	2	2	2	34	34	34	0	0	0	0	0	0	0	0	0	0	28.5	28.6	28.7	28.8	28.9	29.0	29.0	29.1	29.3	29.4
61	2	207	1	1	1	1X	11	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.4	5.0	5.6	6.2	6.9	7.9	9.7
61	2	208	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	4.9	6.1	7.1
61	2	209	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.5	6.4
61	2	210	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.4	5.1	6.1	7.1	8.1
61	2	211	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.4	5.2	6.0	7.5
61	2	212	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.1	4.7	5.7	6.7	8.7
61	2	213	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.4	5.0	6.3
61	2	214	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	5.2	6.0	7.3
61	2	215	2	2	2	31	32	33	3	3	3	3	3	3	3	3	3	3	23.6	24.4	25.2	25.8	26.3	26.7	26.8	27.2	27.3	27.6
61	2	216	2	2	2	20	22	23	0	0	0	0	0	0	0	0	0	0	24.7	25.8	26.9	27.9	28.5	29.0	29.4	29.5	29.6	30.1
61	2	217	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.7	6.0
61	2	218	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.1	6.7
61	2	219	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.5	5.1	6.3
61	2	220	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.4	5.2	6.0	7.8
61	2	221	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	5.0	5.9	7.5
61	2	222	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	3	.0	.0	.0	.0	.0	.0	3.7	4.5	5.3	6.9
61	2	223	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	5.0	5.9	6.9	8.9
61	2	224	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.0	6.3
61	2	225	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.4	5.3	6.3	8.3
61	2	226	1	1	1	1X	11	11	0	0	0	33	33	3	3	3	3	3	.0	.0	.0	4.2	5.2	6.0	6.6	7.2	8.0	9.0
61	2	227	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.3	4.8	5.4	6.0	7.3
61	2	228	2	2	2	42	43	43	0	66	0	0	0	0	0	0	0	0	16.7	17.2	17.7	17.8	18.2	18.4	18.6	18.9	19.1	19.6
61	2	229	2	2	2	44	44	44	0	60	9	66	9	9	0	0	0	0	21.9	22.0	22.1	22.2	22.3	22.4	22.4	22.6	22.7	23.0

61	2	230	2	2	2	43	43	44	0	0	0	0	0	0	0	0	0	0	22.8	23.1	23.3	23.5	23.8	24.1	24.2	24.3	24.3	24.5
61	2	231	2	2	2	44	44	44	0	5	2	0	0	0	50	0	0	0	22.9	23.2	23.2	23.3	23.4	23.4	23.5	23.5	23.7	23.8
61	2	232	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	4.7	5.2	5.9	7.1
61	2	233	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.4	5.3	6.3	8.3
61	2	234	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.6	5.4	7.0
61	2	235	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.7	5.7	7.7
61	2	236	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.4	5.4	6.4	7.4	9.4
61	2	237	1	1	1	1X	1X	10	0	0	0	0	0	0	14	14	14	14	.0	.0	.0	.0	.0	.0	4.4	5.2	6.0	7.5
61	2	238	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.6	6.0
61	2	239	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.4	5.0	6.3
61	2	240	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	4.9	6.2
61	2	241	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.8
61	2	242	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.4	5.2	7.0
61	2	243	1	1	1	1X	1X	10	0	0	0	0	0	0	0	14	14	14	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.8
61	2	244	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.4	5.0	6.2
61	2	245	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.0	6.1
61	2	246	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.4	5.0	6.8
61	2	247	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.8	6.0
61	2	248	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.6	5.4	7.3
61	2	249	1	0	0	2X	44	44	0	0	0	0	0	0	0	0	0	0	19.7	20.7	21.7	22.1	.0	.0	.0	.0	.0	.0
61	2	249	1	1	1	10	22	22	0	0	0	0	0	0	0	0	0	0	19.7	20.7	21.7	22.7	23.3	23.8	24.3	24.6	25.2	25.9
61	2	250	1	1	1	22	22	23	0	0	0	0	0	31	31	0	0	0	22.4	23.1	23.7	24.2	24.5	25.0	25.0	25.4	25.5	25.9
61	2	251	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	33	33	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.6
61	2	252	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.6	5.4	6.0	7.2
61	2	253	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	4.8	5.4	6.0	6.9
61	2	254	2	2	0	44	44	44	9	9	52	33	60	60	60	90	0	0	34.2	34.3	34.3	34.4	33.6	33.6	33.7	33.7	.0	.0
61	2	255	2	2	0	44	4X	44	9	9	64	31	31	31	92	0	0	0	20.9	21.1	21.1	21.2	21.2	21.3	21.3	.0	.0	.0
61	2	256	2	2	0	44	44	44	0	0	0	0	0	0	0	90	0	0	27.8	28.0	28.2	28.4	28.4	28.6	28.6	28.6	.0	.0
61	2	257	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	4.7	5.4	6.4
61	2	258	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.6	4.3	5.0	6.4
61	2	259	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	4.9	5.6	6.7

TABLE 1.3:

PLOT NO.	SUB PLOT NO.	TREE NO.	AGE CLASS			AGE-VIGOR			TREE CONDITION CODE										D.B.H. (INCHES)									
			20	40	60	I	II	III	1920	25	30	35	40	45	50	55	60	70	1920	25	30	35	40	45	50	55	60	70
61	3	1	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.4	5.3	7.1
61	3	2	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.4	5.3	7.1
61	3	3	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.7	6.3
61	3	4	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	6.1
61	3	5	1	1	1	1X	1X	10	0	0	0	0	0	0	14	14	14	14	.0	.0	.0	.0	.0	.0	3.6	4.5	5.4	7.1
61	3	6	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.6	4.9	6.5
61	3	7	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.4	5.2	6.8
61	3	8	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	6.1
61	3	91	0	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.9	4.9	5.9	7.9
61	3	10	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	5.0	6.0	8.0
61	3	11	1	1	1	1X	1X	10	0	0	0	0	0	0	2	2	2	2	.0	.0	.0	.0	.0	.0	4.2	5.0	5.9	7.6
61	3	12	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.7	6.3
61	3	13	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	4.8	6.4
61	3	14	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	4.9	6.7
61	3	15	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	5.1	6.1	8.1
61	3	16	1	1	1	1X	1X	10	0	0	0	0	0	0	0	3	3	3	.0	.0	.0	.0	.0	.0	.0	4.0	4.7	6.2
61	3	17	1	1	1	10	10	20	0	0	0	0	0	0	5	0	0	0	.0	4.0	6.3	8.3	9.9	10.9	11.8	12.6	13.2	14.8
61	3	18	1	1	1	1X	10	20	0	0	0	0	0	0	0	0	2	2	.0	.0	.0	.0	4.0	6.5	8.0	9.4	11.0	12.7
61	3	19	1	1	1	20	20	20	0	0	0	0	0	0	0	0	30	0	15.4	16.7	18.3	21.0	21.2	22.3	23.6	24.0	24.8	26.2
61	3	20	1	1	1	22	22	24	0	0	0	0	0	0	0	0	0	0	17.3	17.7	18.1	18.5	18.7	19.2	19.4	19.6	19.6	19.7
61	3	21	1	1	1	13	23	22	14	14	14	14	31	31	14	14	0	0	11.0	11.2	11.3	11.6	11.9	12.2	12.6	12.6	12.9	13.5
61	3	22	1	1	1	23	24	24	0	11	0	0	30	0	0	0	0	0	14.7	14.8	14.9	15.3	15.4	15.4	15.5	15.6	15.6	15.7
61	3	23	1	1	1	1X	1X	10	0	0	0	0	0	0	0	2	2	2	.0	.0	.0	.0	.0	.0	3.7	4.7	5.7	7.7
61	3	24	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	6.1
61	3	25	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.4	5.1	6.8
61	3	26	1	1	1	22	23	24	9	9	9	9	31	31	31	31	31	31	26.9	27.4	27.9	28.6	28.6	28.9	29.0	29.1	29.1	29.3
61	3	27	1	1	1	20	22	24	0	0	0	0	0	14	0	0	0	0	14.5	15.5	16.5	17.2	17.6	18.4	18.7	19.0	19.2	19.4
61	3	28	1	1	1	10	10	11	0	0	0	0	0	0	5	0	0	0	.0	3.8	5.8	7.2	8.1	9.0	9.6	10.3	10.9	12.0
61	3	29	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.6	4.5	6.3
61	3	30	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.6	6.1
61	3	31	1	1	1	21	22	23	0	0	0	0	0	0	0	0	0	0	17.5	18.3	19.1	19.7	20.0	20.4	20.7	20.9	21.1	21.6
61	3	32	1	1	1	20	22	22	0	0	0	0	0	0	0	0	0	0	18.8	20.0	21.6	22.8	23.5	24.2	24.6	24.9	25.3	26.1
61	3	33	1	1	1	20	21	22	0	0	0	0	0	0	30	0	0	0	15.0	15.7	16.4	17.3	17.9	18.3	18.9	19.5	19.8	20.9
61	3	34	1	1	2	20	21	32	0	0	0	0	0	0	0	0	0	0	20.4	21.5	22.6	23.5	24.3	25.1	25.5	25.8	26.3	27.0
61	3	35	1	1	1	22	22	24	3	3	3	3	3	3	3	3	30	3	18.5	18.8	19.1	19.6	19.9	20.5	20.9	21.2	21.4	21.4
61	3	36	1	1	1	21	21	23	0	0	0	0	0	0	0	0	0	0	18.1	18.8	19.5	20.1	20.5	21.3	21.8	22.5	23.0	23.0
61	3	37	1	1	1	22	23	24	0	0	30	0	0	0	0	0	0	0	22.4	23.1	23.3	24.1	24.2	24.3	24.5	24.9	25.0	25.1
61	3	38	1	1	1	21	22	23	3	3	3	3	3	3	30	3	3	3	20.6	21.1	21.7	22.1	22.7	23.0	23.3	23.6	23.9	24.4
61	3	39	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.8	4.8	5.8	7.8
61	3	40	1	1	1	20	21	22	0	0	0	0	0	0	0	0	0	0	18.9	19.9	20.9	21.9	22.5	23.2	23.7	24.2	24.6	25.4
61	3	41	1	1	1	1X	10	10	0	0	14	0	0	33	33	0	0	0	.0	.0	4.0	6.0	7.0	8.1	8.9	9.5	10.3	11.9
61	3	42	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.0	6.5
61	3	43	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.3	7.3
61	3	44	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.2	6.9
61	3	45	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.6
61	3	46	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.3	7.3
61	3	47	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.1	7.1
61	3	48	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.2	7.2
61	3	49	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.8	6.4
61	3	50	1	1	1	22	22	24	0	0	0	0	30	0	0	0	0	0	15.4	15.8	16.0	16.4	16.6	17.1	17.2	17.5	17.5	17.8
61	3	51	1	1	1	22	23	24	0	0	0	0	0	0	0	0	0	0	16.8	17.3	17.8	18.0	18.2	18.6	18.8	18.8	19.0	19.0
61	3	52	1	1	1	21	21	23	0	0	0	0	0	0	0	0	0	0	18.4	19.1	19.7	20.3	20.9	21.2	22.2	22.4	22.5	22.8
61	3	53	1	1	1	21	22	22	0	0	0	0	0	33	0	0	0	0	16.3	16.9	17.5	18.2	18.9	19.8	20.2	20.2	20.5	21.0
61	3	54	1	1	1	21	22	23	0	0	0	0	0	0	0	0	0	0	16.3	16.8	17.3	18.0	18.4	19.1	19.2	19.4	19.7	19.8
61	3	55	1	1	1	10	22	21	0	0	0	0	0	0	0	0	0	0	10.3	10.5	11.4	12.3	13.2	13.9	14.0	14.3	14.8	15.8
61	3	56	1	1	1	21	22	22	0	0	0	0	0	0	0	0	0	0	14.1	14.7	15.3	15.8	16.5	17.0	17.3	17.7	18.0	18.9
61	3	57	1	1	1	20	22	23	0	0	0	0	0	0	0	0	0	52	20.4	21.2	22.0	22.5	23.3	23.7	23.8	24.2	24.4	24.9
61	3	58	1	1	1	12	23	24	0	0	0	0	0	0	0	0	0	0	11.3	11.5	11.7	12.1	12.3	12.7	12.8	13.0	13.1	13.2
61	3	59	1	1	1	22	22	22	0	0	0	0	30	0	0	20	0	0	18.1	18.5	18.8	19.4	19.8	20.3	20.7	21.0	21.4	22.2
61	3	60	1	1	1	22	22	24	0	33	0	0	0	0	0	0	0	0	17.4	17.6	18.0	18.4	18.7	19.1	19.3	19.5	19.5	19.9

61	3	61	1	1	1	24	24	22	0	0	0	0	31	0	0	0	30	52	22.4	22.6	22.8	23.0	23.0	23.0	23.1	23.1	23.9	24.4
61	3	62	1	1	1	21	22	22	0	0	0	0	0	14	0	0	0	0	16.8	17.6	18.4	18.9	19.7	20.0	20.6	21.1	21.6	22.3
61	3	63	1	1	1	10	20	22	0	0	0	0	0	0	0	0	0	0	9.9	10.9	11.9	13.0	13.1	14.9	15.5	16.0	16.6	17.4
61	3	64	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	5.3	6.3	8.3
61	3	65	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.6	4.5	5.4	7.9	9.0
61	3	66	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.8	4.6	5.4	7.8	8.8
61	3	67	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.0	5.3	6.2	7.0	8.0	8.9	9.7	10.9
61	3	68	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.0	5.3	6.7	7.1	7.8	8.7	9.4	10.5
61	3	69	1	1	1	1X	10	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.5	6.2	6.9	7.8	8.7	9.1
61	3	70	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	4.6	5.4	6.5	6.7	7.2	7.6	7.8	8.0	8.4	8.9
61	3	71	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	0	4.2	4.8	5.6	6.4	6.9	7.4	7.8	8.2	8.6	9.3
61	3	72	1	1	1	10	12	13	0	33	0	0	0	0	0	0	0	0	4.4	4.5	5.4	6.2	6.7	7.3	7.6	7.9	8.2	8.6
61	3	73	1	1	1	10	11	13	0	0	0	0	0	0	30	0	3	0	4.5	5.0	7.5	8.7	9.2	9.8	10.4	10.8	11.0	11.4
61	3	74	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	4.2	4.7	6.2	7.4	8.1	8.7	9.2	9.8	10.2	10.9
61	3	75	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.9	6.9
61	3	76	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.4	4.8	5.2	5.6	6.2	6.7
61	3	77	1	1	1	10	11	11	0	33	0	0	0	3	0	0	3	3	.0	4.5	6.2	7.2	8.1	8.7	9.3	9.7	10.1	11.2
61	3	78	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.8	5.6	6.4	7.2	8.0	8.9
61	3	79	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.6	4.6	5.6	7.6
61	3	80	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	0	4.5	5.5	6.9	8.2	8.9	9.6	10.3	10.9	11.4	12.5
61	3	81	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	5.0	5.9	6.7	8.3
61	3	82	1	1	1	10	11	11	33	33	0	0	0	0	0	0	0	0	7.3	8.6	9.9	11.0	11.9	12.4	13.0	13.6	14.2	15.5
61	3	83	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	14	14	.0	.0	.0	.0	.0	.0	.0	4.3	5.0	6.6
61	3	84	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	5.0	5.9	7.0	8.7
61	3	85	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.0	6.4
61	3	86	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.7	6.1
61	3	87	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	5.0	5.9	7.0	8.7
61	3	88	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.0	6.4
61	3	89	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.1	4.9	5.8	6.9	7.5
61	3	90	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.5	5.5	7.5
61	3	91	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	5.0	7.0
61	3	92	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	.0	.0	4.0	5.0	7.0
61	3	93	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.6	5.1	6.1
61	3	94	1	1	2	20	22	23	0	0	0	0	0	0	0	0	0	0	29.1	29.9	30.8	31.5	32.0	32.7	32.8	33.1	33.1	33.8
61	3	95	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.4	5.0	5.9	6.5	8.1
61	3	96	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.9	4.9	5.9	7.9
61	3	97	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.5
61	3	98	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	3.6	4.6	5.6	7.6
61	3	99	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.8
61	3	100	1	1	1	23	24	24	0	0	0	0	0	0	0	0	0	0	15.0	15.4	15.8	16.0	16.1	16.1	16.1	16.2	16.3	16.4
61	3	101	1	1	1	10	21	22	33	9	0	0	0	0	0	0	0	0	8.7	9.5	10.6	11.8	12.4	12.9	13.5	14.0	14.4	15.1
61	3	102	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	5.0	6.6
61	3	103	1	1	1	23	24	24	0	0	0	0	0	14	0	4	0	0	12.7	13.1	13.4	13.7	13.8	14.1	14.2	14.2	14.3	14.5
61	3	104	1	1	1	21	23	23	0	0	0	0	0	0	0	0	0	0	25.0	25.6	26.1	26.7	27.1	27.5	27.7	27.9	28.0	28.4
61	3	105	1	1	1	22	23	20	0	0	0	0	0	0	0	0	0	0	20.0	20.6	21.1	21.5	21.8	22.0	22.1	22.3	22.4	25.7
61	3	106	1	1	1	22	23	24	0	0	0	0	0	0	0	0	0	0	22.5	23.0	23.5	24.0	24.4	24.6	24.9	25.1	25.4	25.5
61	3	107	1	1	1	22	22	22	0	0	0	0	0	0	22	0	0	0	20.3	20.8	21.3	21.9	22.2	22.8	23.1	23.4	23.6	24.3
61	3	108	1	1	1	22	22	23	3	3	3	3	3	3	3	3	3	3	16.5	17.0	17.5	18.0	18.4	18.9	19.1	19.4	19.5	20.0
61	3	109	1	1	2	22	23	34	0	0	0	0	0	0	0	0	0	0	24.8	25.3	25.7	26.3	26.5	26.9	27.1	27.1	27.3	27.5
61	3	110	1	1	1	21	22	22	0	0	0	0	0	0	0	0	0	0	13.1	13.7	14.3	15.1	15.6	16.2	16.6	17.0	17.5	17.8
61	3	111	1	1	1	21	21	24	0	0	0	0	0	0	0	0	0	0	20.0	20.5	21.0	21.8	22.2	22.7	22.9	23.8	23.9	24.1
61	3	112	1	1	1	22	22	22	0	0	0	0	0	0	0	0	0	0	12.9	13.3	13.8	14.3	14.7	15.1	15.4	15.5	15.8	16.3
61	3	113	1	1	1	20	20	22	0	0	0	0	0	0	0	0	0	0	14.4	15.3	16.2	17.1	18.0	18.9	19.7	20.3	20.7	21.6
61	3	114	1	1	1	22	22	24	0	0	0	0	0	0	0	31	0	0	15.6	16.0	16.4	16.9	17.2	17.5	17.7	18.0	18.2	18.4
61	3	115	1	1	1	22	24	24	0	0	0	0	0	0	0	0	0	0	11.3	11.7	12.1	12.2	12.5	12.5	12.5	12.6	12.6	12.9
61	3	116	2	2	2	31	33	34	0	0	0	0	0	0	0	0	0	0	22.1	22.6	23.1	23.6	24.1	24.5	24.8	24.9	25.0	25.2
61	3	117	2	2	2	30	32	33	0	66	0	0	0	14	0	0	0	0	17.8	18.8	19.8	20.2	21.0	21.3	21.6	21.8	21.9	22.5
61	3	118	2	2	2	34	34	34	0	9	65	52	52	0	0	0	0	90	18.9	18.8	18.8	18.9	18.9	18.9	18.9	19.0	19.0	19.0
61	3	119	2	2	2	33	34	34	0	0	0	0	0	0	0	0	0	0	29.8	30.2	30.5	30.7	30.8	31.1	31.1	31.2	31.3	31.4
61	3	120	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.0	6.5
61	3	121	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.4	5.2	6.9
61	3	122	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.0
61	3	123	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.2
61	3	124	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.0
61	3	125	1	1	1	10	10	21	0	0	0	0	0	0	0	0	0	0	5.9	6.9	8.7	10.3	11.3	12.3	13.0	13.9	14.7	15.9
61	3	126	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	0	.0	4.0	4.6	5.1	5.6	6.0	6.6	7.1	7.7	8.8
61	3	127	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	3.5	4.7	6.5	7.6	8.3	9.0	10.0	11.5
61	3	128	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.7	4.7	5.7	7.7
61	3	129	1	1	1	1X	1X	10	0	0	0	0	0	0	3	3	3	3	.0	.0	.0	.0	.0	.0	4.3	5.3	6.3	8.3
61	3	130	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.7	4.7	5.7	6.7	8.7
61	3	131	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.7	4.6	6.4
61	3	132	1	1	1	20	21	21	0	0	0	0	0	0	0	0	0	0	14.0	14.8	16.0	16.9	17.7	18.3	18.6	19.2	19.8	20.9
61	3	133	1	1	1	20	21	21	0	0	0	0	0	0	0	0	0	0	16.0	17.1	18.6	19.7	20.2	20.9	21.5	22.1	22.9	24.1
61	3	134	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	4.5	4.9	6.3
61	3	135	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	5.0	7.0
61	3	136	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	5.1	7.1
61	3	137	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	.0	4.0	4.6	6.3
61	3	138	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.9	6.6
61	3	139	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.6	4.6	5.6	6.6	8.6
61	3	140	1	1	1	1X	10	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.2	4.7	5.2	7.7	8.2	8.9
61	3	141	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	3.5	4.6	5.8	6.9	8.0	9.6	11.4
61	3	142	1	1	1	1X	10	14	0	0	0	0	0	0	0	0	0	0	.0	.0	3.6	4.6	5.6	6.6	7.6	8.6	6.2	8.2
61	3	143	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.7	4.7	5.7	6.7	8.7
61	3	144	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.5	5.5	6.5	8.5
61	3	145	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.0	6.7
61	3	146	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	4.9	6.6
61	3	147	1	1	1	1X	1X	10	0	0	0	0	0	0	2	2	2	2	.0	.0	.0	.0	.0	.0	3.7	4.7	5.7	7.8
61	3	148	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.9	4.9	6.9
61	3	149	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.7	4.7	5.7	7.7
61	3	150	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.8	5.6	6.4	8.0
61	3	151	1	1	1	10	10	11	0	0	0	0	0	0	0	0	0	0	.0	4.0	5.2	6.8	8.0	8.9	9.7	10.5	11.2	12.5
61	3	152	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.8	6.5
61	3	153	1	1	1	10	21	22	0	0	0	0	0	0	60	0	0	0	7.6	9.1	10.7	12.0	12.9	13.6	14.1	14.5	14.8	15.4
61	3	154	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.4	5.4	7.4
61	3	155	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.6	4.6	5.6	7.6
61	3	156	1	1	1	1X	11	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.4	5.1	5.7	6.3	7.0	7.6
61	3	157	1	1	1	10	11	12	0	34	0	0	0	35	0	0	2	0	5.2	6.6	8.2	9.3	9.8	10.6	11.0	11.4	11.8	12.5
61	3	158	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.8
61	3	159	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	.0	4.1	5.4	6.4	7.3	7.9	8.4	8.9	9.2	9.8
61	3	160	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.3	7.3

61	3	161	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	0	4.3	5.9	7.1	8.1	9.0	9.4	9.9	10.4	10.7	11.4
61	3	162	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.8	4.6	6.3
61	3	163	1	1	1	1X	10	12	0	0	0	0	0	0	0	0	0	0	.0	.0	4.0	5.1	6.0	7.0	7.6	8.4	9.0	9.8
61	3	164	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	33	33	.0	.0	.0	.0	.0	.0	.0	3.8	4.7	6.4
61	3	165	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.8	6.5
61	3	166	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	5.0	5.9	6.6	8.3
61	3	167	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	33	33	.0	.0	.0	.0	.0	.0	.0	4.0	4.9	6.3
61	3	168	1	1	1	1X	1X	11	0	0	0	0	0	0	0	3	3	3	.0	.0	.0	.0	.0	.0	.0	4.3	4.8	6.0
61	3	169	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.6	4.6	5.6	6.6	8.6
61	3	170	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	33	33	.0	.0	.0	.0	.0	.0	3.7	4.7	5.7	7.7
61	3	171	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.7	4.7	5.7	7.7
61	3	172	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.4	5.4	6.4	7.4	8.4	10.6
61	3	173	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	5.1	6.1	8.1
61	3	174	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.5	5.0	6.3
61	3	175	1	1	1	10	10	20	0	0	0	0	0	0	0	0	0	0	.0	3.6	5.0	6.7	8.0	9.1	10.0	11.0	11.9	13.2
61	3	176	1	1	1	20	21	22	0	0	0	0	0	0	0	0	0	0	17.9	18.7	19.6	20.7	21.5	22.1	22.9	23.2	24.0	24.6
61	3	177	1	1	1	20	21	21	0	0	0	0	0	0	0	0	0	0	15.3	16.3	17.3	18.2	18.9	19.6	20.1	20.7	21.3	22.2
61	3	178	1	1	1	22	22	23	3	3	3	3	3	3	31	3	3	3	17.2	17.7	17.9	18.6	18.9	19.3	19.6	20.1	20.6	20.8
61	3	179	1	1	1	20	21	21	14	14	14	14	14	14	14	14	14	14	14.6	14.9	15.8	16.6	17.2	17.7	18.3	18.9	19.6	20.6
61	3	180	1	1	1	22	24	24	3	3	3	3	3	3	3	3	3	3	14.3	14.5	14.8	15.0	15.3	15.4	15.4	15.4	15.6	15.6
61	3	181	1	1	1	20	21	21	0	0	0	0	0	0	0	0	0	0	12.6	13.4	14.3	15.2	15.8	16.5	16.9	17.7	18.2	19.2
61	3	182	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	52	6.8	7.4	8.2	9.0	9.3	9.6	9.9	10.4	10.9	11.5
61	3	183	1	1	1	22	21	22	0	0	0	0	0	0	0	0	0	52	11.6	12.1	12.7	13.2	13.5	14.0	14.4	15.0	15.3	16.1
61	3	184	1	1	1	34	24	2X	33	9	9	9	9	9	52	92	0	0	11.4	11.6	11.7	11.7	11.7	11.7	11.7	11.7	.0	.0
61	3	185	1	1	0	24	2X	44	0	0	0	0	0	35	91	0	0	0	12.1	12.3	12.4	12.4	12.4	12.4	12.4	.0	.0	.0
61	3	186	1	1	0	22	2X	44	14	14	2	52	92	0	0	0	0	0	22.4	22.7	23.1	23.5	23.5	.0	.0	.0	.0	.0
61	3	187	1	1	1	21	22	23	0	33	0	0	0	0	0	0	52	92	20.3	20.9	21.6	22.6	22.8	23.4	24.0	24.2	24.7	24.7
61	3	188	1	1	1	1X	1X	1X	0	0	95	0	0	0	0	0	0	0	5.7	5.7	5.7	.0	.0	.0	.0	.0	.0	.0
61	3	189	1	1	0	22	2X	44	0	0	0	0	92	0	0	0	0	0	23.2	23.9	24.7	25.2	25.2	.0	.0	.0	.0	.0
61	3	190	1	1	0	10	1X	44	0	0	0	0	0	0	91	0	0	0	8.1	9.1	11.3	12.9	14.5	15.5	15.5	.0	.0	.0
61	3	191	1	1	1	10	10	1X	0	0	0	0	0	0	0	0	0	0	.0	4.2	6.5	7.9	8.8	9.8	10.3	11.1	11.8	.0
61	3	192	2	2	0	44	44	44	0	64	52	52	62	0	0	90	0	0	31.3	31.4	31.4	31.4	31.5	31.5	31.5	31.5	.0	.0
61	3	193	1	1	0	1X	1X	44	0	0	0	0	0	92	0	0	0	0	.0	.0	.0	4.2	4.2	4.2	.0	.0	.0	.0
61	3	194	1	1	0	1X	1X	44	0	0	0	0	0	0	92	0	0	0	.0	.0	4.0	5.0	5.8	6.7	6.7	.0	.0	.0
61	3	195	0	1	1	44	11	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.1	4.6	5.2	5.7	6.3	7.0

TABLE 1.4:

PLOT NO.	SUB PLOT NO.	TREE NO.	AGE CLASS 20	40	60	AGE-VIGOR I	II	III	TREE CONDITION CODE 1920	25	30	35	40	45	50	55	60	70	D.B.H. (INCHES) 1920	25	30	35	40	45	50	55	60	70
61	4	1	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	5.0	6.0	8.0
61	4	2	1	1	1	10	10	10	0	0	0	0	0	0	0	0	0	0	.0	4.2	5.0	5.8	6.5	7.4	8.2	9.0	9.7	11.5
61	4	3	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.6	5.2	6.8
61	4	4	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.5	5.1	6.7
61	4	5	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	4.7	6.2
61	4	6	1	1	1	11	11	12	0	0	0	0	0	0	0	0	0	0	.0	4.3	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.8
61	4	7	1	1	1	12	11	21	0	0	0	0	0	0	0	0	5	5	8.5	9.0	9.5	10.0	10.4	10.9	11.4	11.9	12.5	13.4
61	4	8	1	1	1	20	20	21	0	0	0	0	0	0	0	0	5	0	12.8	13.6	14.4	15.2	16.0	16.8	17.4	18.2	18.8	20.2
61	4	9	1	1	1	11	20	20	0	0	0	0	0	0	0	0	5	0	10.7	11.2	11.7	12.2	12.7	13.7	14.7	15.7	16.7	18.8
61	4	10	1	1	1	1X	10	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.1	5.1	6.1	7.1	8.1	8.7	9.5
61	4	11	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	.0	3.8	4.5	5.2	6.0	6.7	7.3	7.8	8.1	8.9
61	4	12	1	1	1	10	11	11	0	0	0	0	0	0	0	0	5	0	5.0	5.8	6.5	7.3	8.0	8.5	9.0	9.5	11.0	11.5
61	4	13	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.6	6.2	7.5	8.4	9.5	10.1	11.3
61	4	14	1	1	1	1X	1X	10	0	0	0	0	0	0	0	14	14	14	.0	.0	.0	.0	.0	.0	3.7	4.7	5.7	7.7
61	4	15	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.4	5.4	7.4
61	4	16	1	1	1	1X	12	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.4	4.9	5.4	5.9	6.3	6.8	7.4	8.3
61	4	17	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.9	6.7
61	4	18	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.4	4.8	6.2
61	4	19	1	1	1	1X	1X	10	0	0	0	0	0	0	0	3	3	3	.0	.0	.0	.0	.0	.0	.0	4.3	5.3	7.3
61	4	20	1	1	1	10	21	22	0	0	0	0	0	0	5	0	0	0	7.5	8.8	10.1	10.9	11.9	12.8	13.1	13.7	14.2	14.8
61	4	21	1	1	1	10	21	22	0	0	0	0	0	0	5	0	0	0	6.5	8.5	10.5	11.9	12.4	13.2	13.7	14.3	14.7	15.3
61	4	22	1	1	1	10	12	12	0	0	0	0	0	0	5	0	0	0	4.6	5.9	7.2	8.4	9.1	9.5	10.1	10.2	10.6	11.1
61	4	23	1	1	1	10	12	12	0	0	0	0	0	0	5	0	0	0	4.0	5.0	6.4	7.6	8.9	8.9	9.4	9.9	10.5	11.2
61	4	24	1	1	1	1X	11	11	0	0	0	0	33	0	0	0	0	0	.0	.0	.0	4.1	4.5	5.0	5.5	6.5	7.0	8.0
61	4	25	1	1	1	10	10	12	0	0	0	0	0	0	0	0	0	0	.0	3.6	4.7	5.9	6.7	7.5	8.4	9.0	9.6	10.4
61	4	26	1	1	1	1X	11	14	0	0	0	0	0	14	14	14	14	14	.0	.0	.0	3.8	5.4	6.6	6.8	7.0	7.2	7.4
61	4	27	1	1	1	11	12	12	0	0	0	0	0	0	0	0	5	0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	10.9	11.4	12.2
61	4	28	1	1	1	11	14	14	0	0	33	88	0	14	5	0	0	0	5.9	6.9	7.8	8.6	8.8	8.9	9.1	9.1	9.3	9.4
61	4	29	1	1	1	10	10	11	0	0	0	0	0	0	5	0	0	0	.0	3.8	5.2	6.5	7.4	8.2	8.9	9.6	10.2	11.3
61	4	30	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	5.0	7.0
61	4	31	1	1	1	10	11	22	0	0	0	0	0	0	5	0	0	0	4.6	6.2	7.8	9.2	10.1	10.8	11.3	11.9	12.5	13.1
61	4	32	1	1	1	1X	12	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.0	4.8	5.4	5.9	6.3	6.7	7.1	8.2
61	4	33	1	1	1	10	11	21	0	0	0	0	0	0	5	0	0	0	5.4	7.2	9.0	10.1	11.1	11.7	12.3	12.9	13.8	14.5
61	4	34	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	52	.0	.0	3.6	4.7	5.2	5.7	5.7	6.2	6.8	7.6
61	4	35	1	1	1	10	11	22	0	0	0	0	0	0	5	0	0	52	4.3	5.8	7.5	9.0	9.8	10.7	11.5	11.8	12.2	12.9
61	4	36	1	1	1	1X	12	13	0	0	0	0	0	0	0	0	0	0	.0	.0	3.6	4.4	4.9	5.3	5.7	6.1	6.4	6.9
61	4	37	1	1	1	11	11	12	0	0	0	0	0	0	0	0	0	0	5.0	5.8	6.6	7.2	7.8	8.3	8.8	9.3	9.8	10.5
61	4	38	1	1	1	1X	10	11	0	0	0	0	0	0	5	0	0	0	.0	.0	4.6	6.2	7.1	8.3	9.0	9.7	10.3	11.3
61	4	39	1	1	1	10	10	11	0	0	0	0	0	33	5	0	0	0	.0	3.6	4.6	5.6	6.6	7.6	8.4	9.1	9.8	10.8
61	4	40	1	1	1	1X	10	11	0	0	0	0	0	0	5	0	0	0	.0	.0	3.8	6.2	7.8	9.0	9.9	10.5	11.2	12.0
61	4	41	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	0	.0	4.4	5.1	5.6	6.6	7.0	7.4	7.8	8.4	8.8
61	4	42	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	11	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.0
61	4	43	1	1	1	10	11	12	0	0	0	0	0	0	5	0	0	0	.0	3.5	4.6	6.0	6.9	7.7	8.2	8.9	9.5	10.3
61	4	44	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	5.0	7.0
61	4	45	1	1	1	10	11	12	0	0	0	0	0	0	5	0	0	0	3.7	4.7	6.2	7.4	7.8	8.4	8.9	9.3	9.6	10.3
61	4	46	1	1	1	10	11	12	0	0	0	0	0	0	5	0	0	52	.0	3.7	4.9	6.1	6.9	7.5	8.1	8.8	9.3	10.1
61	4	47	1	1	1	10	12	14	0	0	0	0	0	0	5	0	0	0	.0	3.6	5.2	6.1	7.0	7.3	7.8	8.0	8.2	8.3
61	4	48	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.3
61	4	49	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.8	4.8	6.8
61	4	50	1	1	1	1X	10	12	0	0	0	0	0	0	0	0	0	0	.0	.0	4.0	4.7	5.6	6.5	7.4	8.3	9.0	9.7

61	4	51	1	1	1	1X	11	12	0	0	0	0	0	0	0	0	0	.0	.0	4.3	5.1	5.8	6.4	7.0	7.6	8.4	9.0
61	4	52	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	4.6	5.0	5.4	5.8	6.2	6.6	7.0	7.4	7.8	8.2
61	4	53	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.9	4.9	5.9	7.9
61	4	54	1	1	1	10	12	11	0	0	0	0	0	14	5	0	0	.0	4.2	5.3	6.1	6.8	7.5	8.0	8.0	9.1	10.0
61	4	55	1	1	1	10	14	10	0	0	22	0	0	0	5	0	0	34	4.3	5.2	7.6	8.7	9.4	9.9	10.5	8.6	11.5	12.3
61	4	56	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	6.8
61	4	57	2	2	2	44	44	44	0	0	60	0	0	0	0	0	0	52	27.7	27.8	28.0	28.0	28.1	28.2	28.3	28.4	28.4	28.4
61	4	58	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	5.1	6.1
61	4	59	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	5.1	5.8	7.4
61	4	60	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0
61	4	61	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	.0	4.5	5.9	7.0	7.7	8.3	8.8	9.4	10.0	10.8
61	4	62	1	1	1	10	10	11	0	0	0	0	0	0	0	0	0	0	4.0	5.2	6.5	7.9	8.7	9.4	10.3	11.0	11.8	12.9
61	4	63	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	0	4.3	5.8	6.9	7.9	8.5	9.1	9.5	10.0	10.5	11.9
61	4	64	1	1	1	10	10	21	0	0	0	0	0	0	0	0	0	0	4.4	5.8	7.2	8.5	9.3	10.1	10.8	11.6	12.3	13.6
61	4	65	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	4.3	5.2	5.7	6.2	6.6	7.0	7.4	7.9
61	4	66	1	3	3	20	22	22	0	20	20	20	20	20	20	20	20	20	13.4	14.2	15.4	16.7	17.3	17.7	18.2	18.7	19.2	19.7
61	4	67	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	4.9	6.2
61	4	68	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	4	.0	.0	.0	.0	.0	.0	.0	4.3	5.0	6.1
61	4	69	2	2	2	31	31	32	0	0	0	0	0	0	0	0	0	0	21.6	22.2	22.8	23.4	24.0	24.6	25.2	25.9	26.5	27.1
61	4	70	1	1	1	1X	10	12	0	0	0	0	0	0	0	0	5	3	.0	.0	4.4	5.2	6.0	6.8	7.4	8.1	9.1	9.5
61	4	71	1	1	1	10	10	11	0	0	0	0	0	0	0	0	5	0	3.6	4.6	5.6	6.6	7.6	8.6	9.6	10.5	11.4	12.3
61	4	72	1	1	1	23	22	24	0	0	0	0	0	0	0	0	0	3	14.3	14.5	14.7	14.9	15.1	15.8	16.2	16.4	16.6	16.7
61	4	73	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	.0	4.1	5.2	6.2	8.2
61	4	74	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.4	5.4	6.4	8.4
61	4	75	1	1	1	10	10	11	0	0	0	0	0	0	0	0	0	0	.0	4.0	5.3	6.7	7.8	8.5	9.3	10.1	10.8	11.8
61	4	76	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	0	3.6	4.7	6.0	7.0	8.1	8.8	9.3	10.1	10.9	11.8
61	4	77	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	0	3.8	4.6	5.5	6.5	7.1	7.6	8.0	8.5	9.0	9.8
61	4	78	1	1	1	20	22	22	0	0	0	0	0	0	30	0	0	0	16.2	17.3	18.4	19.3	19.9	20.6	20.7	21.2	21.7	22.6
61	4	79	1	1	1	1X	1X	12	0	0	0	0	0	0	0	0	4	4	.0	.0	.0	.0	.0	.0	4.3	4.9	5.3	6.3
61	4	80	1	1	1	10	20	20	0	0	0	0	0	0	0	0	0	0	7.9	8.3	9.1	10.2	11.2	12.0	12.8	13.7	15.1	16.5
61	4	81	1	1	1	20	20	22	0	0	0	0	0	0	0	0	0	0	15.2	15.0	16.8	17.6	18.4	19.2	20.0	20.8	21.4	22.0
61	4	82	1	1	1	22	24	24	0	0	0	0	0	0	0	0	0	0	13.7	14.0	14.6	14.8	15.0	15.0	15.1	15.2	15.2	15.2
61	4	83	1	1	1	12	23	23	0	0	0	0	0	0	0	0	0	0	11.0	11.4	11.8	12.5	12.8	13.0	13.2	13.5	13.8	14.1
61	4	84	1	1	1	21	24	24	0	14	0	0	0	0	0	0	0	14	12.0	12.7	13.4	14.1	14.3	14.4	14.7	14.7	14.7	14.9
61	4	85	1	1	1	11	12	22	0	0	0	0	0	0	0	0	0	0	9.2	9.9	10.6	11.3	11.7	12.3	12.5	13.1	13.5	14.4
61	4	86	1	1	1	21	22	22	0	0	0	0	0	0	0	0	0	0	14.5	15.3	16.1	16.7	17.4	17.4	17.8	18.3	19.1	19.7
61	4	87	1	1	1	21	21	22	0	0	0	0	0	0	0	0	0	0	10.8	11.6	12.4	13.0	13.4	13.9	14.3	14.9	15.2	16.0
61	4	88	1	1	1	23	23	23	0	0	0	0	0	0	30	0	0	52	19.2	19.7	19.7	20.0	20.3	20.8	20.8	20.8	20.9	21.4
61	4	89	1	1	1	21	22	23	0	0	0	0	0	0	0	0	0	0	15.4	16.2	16.9	17.5	17.9	18.4	18.7	18.9	19.2	19.3
61	4	90	1	1	1	21	23	24	0	0	0	0	0	0	0	0	0	0	15.4	16.3	17.2	17.7	18.1	18.4	18.5	18.6	18.7	18.8
61	4	91	1	1	1	20	22	22	0	0	0	0	0	0	0	30	30	0	15.1	15.9	16.7	17.6	18.3	18.8	19.1	19.4	19.8	20.4
61	4	92	1	1	1	21	22	23	0	0	0	0	0	0	30	0	0	0	20.1	20.8	21.5	22.1	22.5	22.9	23.1	23.5	23.8	24.2
61	4	93	1	1	1	20	22	23	0	0	0	0	0	0	0	0	0	0	22.6	23.6	24.6	25.2	26.0	26.4	26.8	27.2	27.6	27.9
61	4	93	1	1	1	20	22	23	0	0	0	0	0	0	0	0	0	0	22.6	23.6	24.6	25.2	26.0	26.4	26.8	27.2	27.6	27.9
61	4	94	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	5.0	6.4
61	4	95	1	1	1	23	23	22	22	22	10	22	22	22	22	21	21		14.7	15.1	15.5	15.6	15.9	16.2	16.4	16.4	16.8	17.2
61	4	96	1	1	1	10	11	11	0	0	0	0	0	0	5	0	0	0	4.1	5.0	6.8	7.9	8.8	9.5	10.2	10.7	11.4	12.4
61	4	97	1	1	1	10	10	11	0	0	0	0	0	0	5	0	0	0	.0	3.5	4.5	5.8	6.7	7.5	8.1	8.8	9.6	10.3
61	4	98	1	1	1	1X	11	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.3	5.4	6.1	6.1	7.0	7.6	8.3
61	4	99	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.4	4.9	6.3
61	4	100	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	4.8	5.2	6.6
61	4	101	1	1	1	10	10	11	0	0	0	0	0	0	0	0	0	0	.0	4.0	5.6	7.0	8.1	9.0	9.8	10.6	11.3	12.4
61	4	102	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	52	4.6	6.5	7.9	9.0	9.6	10.2	10.6	11.0	11.3	11.9
61	4	103	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.6	5.0	6.6
61	4	104	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	4.9	6.4
61	4	105	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.8	4.6	5.2	6.9
61	4	106	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.8	4.6	5.2	6.9
61	4	107	1	1	1	1X	12	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.1	5.2	5.8	6.0	6.2	7.5	7.9
61	4	108	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	3.9	4.6	5.3	5.8	6.0	6.4	6.9
61	4	109	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.3	5.5	6.5	7.3	8.0	8.7	9.6
61	4	110	1	1	1	13	13	13	0	0	0	0	0	0	0	0	0	74	4.6	4.9	5.3	5.4	5.6	5.8	6.1	6.4	6.7	7.0
61	4	111	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	5.3	6.3	8.3
61	4	112	2	2	2	44	44	44	0	0	42	0	0	0	0	0	0	0	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
61	4	113	1	1	1	21	22	23	0	0	0	0	0	0	0	0	0	52	18.7	19.3	20.0	20.5	21.0	21.4	21.7	21.9	22.1	22.5
61	4	114	1	1	1	22	22	22	0	0	0	0	0	0	0	0	0	0	15.4	16.0	16.6	16.9	17.3	17.6	18.0	18.1	18.4	19.0
61	4	115	1	1	1	21	22	22	0	0	0	0	0	0	0	0	30	0	17.6	18.2	18.8	19.5	20.2	20.5	21.1	21.4	21.9	22.7
61	4	116	1	1	1	22	22	23	0	0	0	0	0	0	0	0	0	0	19.6	20.0	20.4	20.8	21.2	21.8	21.8	22.0	22.2	22.6
61	4	117	1	1	1	23	23	23	0	74	0	0	0	0	0	0	0	0	13.3	13.4	13.5	13.7	14.0	14.1	14.2	14.5	14.7	15.0
61	4	118	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	0	7.9	8.2	8.8	9.3	9.8	10.2	10.5	10.9	11.2	12.0
61	4	119	1	1	1	22	22	23	0	0	0	0	0	0	0	0	0	0	14.0	14.3	14.5	15.3	15.7	16.0	16.3	16.6	16.8	17.1
61	4	120	1	1	1	21	22	22	0	0	0	0	0	0	0	0	0	0	19.4	20.0	20.6	21.1	22.0	22.5	22.9	23.1	23.4	24.2
61	4	121	1	1	1	22	22	24	0	0	0	0	0	0	0	0	0	0	16.7	17.1	17.6	18.0	18.4	18.9	19.1	19.2	19.4	19.5
61	4	122	1	1	1	23	23	24	0	0	0	0	31	0	0	0	0	0	14.8	15.1	15.3	15.6	15.8	16.1	16.2	16.4	16.6	16.6
61	4	123	1	1	1	22	22	22	0	0	0	0	0	0	0	0	0	0	13.1	13.4	13.7	14.1	14.5	14.9	15.3	15.8	16.1	16.6
61	4	124	1	1	1	21	21	22	0	0	0	0	0	0	0	0	30	0	12.9	13.6	14.3	15.0	15.6	16.2	16.7	17.2	17.6	18.4
61	4	125	1	1	1	10	10	11	0	0	0	0	0	0	0	0	0	0	.0	3.9	4.7	5.6	6.4	7.2	7.9	8.5	9.3	10.5
61	4	126	2	2	2	30	31	31	0	64	0	0	0	0	0	0	0	0	18.8	19.6	20.4	21.0	22.0	22.6	23.1	23.9	24.4	25.4
61	4	127	1	1	1	11	13	14	0	0	0	0	0	0	0	0	0	0	4.8	5.3	5.8	6.3	6.8	7.1	7.2	7.3	7.4	7.7
61	4	128	1	1	1	10	11	22	0	0	0	0	0	0	0	0	0	0	7.2	8.1	9.2	9.9	10.5	11.2	11.6	12.1	12.6	13.5
61	4	129	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	0	6.4	7.1	7.7	8.2	8.6	9.0	9.3	9.6	9.9	10.5
61	4	130	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	0	5.2	5.9	6.4	7.1	7.8	8.4	8.8	9.5	9.8	11.0
61	4	131	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	0	6.6	7.2	7.8	8.3	8.7	9.0	9.3	9.6	9.9	10.5
61	4	132	1	1	1	11	11	12	0	0	0	0	0	0	0	0	0	0	.0	4.3	5.0	5.5	6.0	6.8	7.4	8.0	8.5	9.0
61	4	133	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	0	7.4	8.1	8.9	9.6	10.1	10.5	10.7	11.0	11.3	11.8
61	4	134	1	1	1	11	21	22	0	0	0	0	0	0	0	0	0	0	10.2	10.8	11.4	12.2	12.9	13.4	13.8	14.4	15.0	15.8
61	4	135	1	1	1	10	12	23	0	0	0	0	0	0	0	0	0	0	8.0	8.9	9.8	10.8	11.2	11.7	12.1	12.5	12.8	13.2
61	4	136	1	1	1	1X	12	13	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.0	4.7	5.1	5.4	5.7	6.0	6.3
61	4	137	1	1	1	11	12	11	0	0	0	0	0	0	0	0	0	0	4.3	5.0	5.6	6.1	6.5	6.9	7.3	7.7	8.3	9.2
61	4	138	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	0	4.4	4.9	5.4	6.0	6.4	6.8	7.2	7.6	8.0	8.8
61	4	139	1	1	1	21	23	23	0	0	40	0	0	0	30	0	0	0	24.0	24.8	25.4	26.2	26.6	26.8	27.1	27.4	27.5	27.9
61	4	140	1	1	1	10	12	22	0	0	0	0	0	0	0	0	0	0	7.8	8.9	10.0	10.8	11.4	12.0	12.4	12.8	13.3	13.8
61	4	141	1	1	1	10	12	21	0	14	0	0	0	0	0	0	0	0	7.6	8.4	9.2	10.0	10.7	11.1	11.4	11.7	12.0	13.7
61	4	142	1	1	1	20	20	21	0	0	0	0	0	0	30	0	0	0	10.8	11.8	13.4	14.7	15.6	16.6	17.1	17.9	18.4	19.4
61	4	143	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	.0	4.5	5.6	6.7	7.4	8.1	8.7	9.2	9.5	10.1
61	4	144	1	1	1	11	12	13	0	0	0	0	0	0	0	0	0	0	4.0	4.8	5.6	6.3	6.7	7.1	7.3	7.5	7.9	8.2
61	4	145	1	1	1	11	13	12	0	0	0	0	0	0	0	0	0	0	.0	3.6	4.4	4.7	5.4	5.6	5.8	6.0	6.4	7.1
61	4	146	1	1	1	10	11	12	0	0	34	0	0	0	0	0	0	0	4.0	4.9	6.0	7.0	7.6	8.4	9.0	9.6	10.1	10.9
61	4	147	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	0	.0	4.2	5.0	5.7	6.2	6.6	7.0	7.4	7.8	8.2
61	4	148	1	1	1	10	11	21	0	0	0	0	0	0	0	0	0	0	5.3	6.7	7.9	9.0	9.8	10.5	11.2	11.9	12.5	13.4
61	4	149	1	1	1	11	12	12	0	0	0	0	0	33	0	0	0	0	.0	4.1	4.7	5.4	6.0	6.5	6.8	7.2	7.6	8.0

61	4	150	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.0	4.8	5.4	6.2	7.3	7.9	9.0
61	4	151	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	5.1	6.1	8.1
61	4	152	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.8	6.2
61	4	153	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.4
61	4	154	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.1	6.6
61	4	155	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.8	6.2
61	4	156	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	5.1	6.5
61	4	157	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.1	6.6
61	4	158	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.2	6.8
61	4	159	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	33	.0	.0	.0	4.0	4.8	6.5	7.4	8.3	9.5	10.7
61	4	160	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	.0	3.5	4.5	5.5	7.5
61	4	161	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	5.4	7.0
61	4	162	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	.0	4.0	4.8	5.8	7.4
61	4	163	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	4.8	5.5	7.0
61	4	164	2	2	2	42	42	43	0	0	0	0	0	0	0	0	0	29.6	30.2	30.6	31.0	31.4	31.8	32.2	32.6	33.0	33.4
61	4	165	2	2	2	44	44	44	0	54	0	0	0	0	0	0	0	24.9	25.1	25.3	25.5	25.5	25.6	25.6	25.6	25.7	25.7
61	4	166	2	2	2	32	32	33	0	66	0	0	0	0	0	0	0	25.7	26.2	26.7	27.0	27.4	27.7	28.0	28.4	28.5	28.8
61	4	167	2	2	2	42	42	42	0	64	0	0	0	0	0	0	0	25.3	25.8	26.3	26.5	26.9	27.2	27.4	27.7	28.0	28.8
61	4	168	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.2	7.2
61	4	169	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	.0	.0	4.2	5.0	5.8	6.6	7.4	8.2	9.0	10.9
61	4	170	2	2	2	42	43	43	0	9	65	0	0	0	20	0	20	0	28.6	29.2	29.7	30.1	30.5	30.9	31.0	31.1	31.4	31.8
61	4	171	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.6	5.4	6.2	7.0	7.9	9.0
61	4	172	1	1	1	1X	12	13	0	0	0	0	0	0	0	0	0	.0	.0	4.0	4.4	4.9	5.4	5.8	6.2	6.0	6.9
61	4	173	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	5.5	5.8	6.1	6.4	6.7	7.0	7.4	7.7	8.0	8.9
61	4	174	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	.0	.0	4.4	6.1	7.3	8.0	8.7	9.3	10.0	11.0
61	4	175	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	.0	.0	3.7	5.3	6.6	7.5	8.0	8.8	9.5	10.4
61	4	176	1	1	1	1X	11	11	0	0	0	0	0	33	0	0	0	.0	.0	4.5	5.8	6.6	7.4	8.0	8.6	9.2	10.2
61	4	177	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	51	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.6
61	4	178	1	1	1	1X	11	12	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.3	5.2	5.9	6.5	7.0	7.4	8.3
61	4	179	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.1	6.9
61	4	180	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	22	.0	.0	.0	.0	.0	4.1	4.6	5.0	5.6	7.1
61	4	181	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	4.9	6.5
61	4	182	1	1	1	12	11	12	0	0	0	0	0	0	0	0	20	0	4.3	4.8	5.2	5.6	6.0	6.5	7.0	7.6	8.0	8.9
61	4	183	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	4.0	4.9	5.9	6.6	7.5	8.1	8.7	9.2	9.8	10.4
61	4	184	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	4.6	5.6	6.9	8.0	8.6	9.2	9.7	10.3	10.7	11.7
61	4	185	1	1	1	11	12	13	0	0	0	0	0	0	0	0	0	0	4.2	5.0	5.7	6.4	6.8	7.4	7.7	8.1	8.4	8.9
61	4	186	1	1	1	11	12	12	0	0	0	0	0	14	0	0	0	0	7.2	7.9	8.6	9.3	9.8	10.2	10.5	10.9	11.1	11.7
61	4	187	1	1	1	12	13	14	0	0	0	0	0	0	0	0	0	0	4.6	5.1	5.6	6.0	6.3	6.6	6.8	7.0	7.1	7.3
61	4	188	1	1	1	11	12	13	0	0	0	0	0	0	0	0	0	0	6.5	7.5	8.5	8.9	9.3	9.7	9.7	10.1	10.3	10.9
61	4	189	1	1	1	10	13	12	0	10	0	0	0	0	0	0	11	0	4.3	5.3	6.3	6.9	7.5	7.7	8.0	8.2	8.5	9.0
61	4	190	1	1	1	12	14	13	0	0	0	0	0	0	0	0	0	0	6.5	7.2	7.7	8.2	8.2	8.3	8.3	8.4	8.6	8.8
61	4	191	1	1	1	12	13	14	0	0	0	0	0	0	0	0	0	0	.0	4.2	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2
61	4	192	1	1	1	12	12	13	0	0	0	0	0	0	0	0	0	0	5.7	6.2	6.7	7.1	7.4	7.7	8.0	8.3	8.6	9.0
61	4	193	1	1	1	11	12	13	0	0	0	0	0	0	0	0	0	0	5.8	6.3	6.9	7.6	8.0	8.3	8.4	8.8	9.2	9.5
61	4	194	1	1	1	10	22	22	0	20	14	0	0	3	0	0	0	0	9.3	10.1	11.0	11.9	12.4	12.8	13.2	13.7	14.3	15.0
61	4	195	1	1	1	12	12	13	0	0	0	0	0	0	0	0	14	0	4.5	5.0	5.7	6.1	6.4	6.7	7.0	7.2	7.4	7.8
61	4	196	1	1	1	10	11	22	0	0	0	0	0	0	0	30	0	0	7.8	8.7	9.7	10.6	11.2	11.7	12.2	12.8	13.3	14.2
61	4	197	1	1	1	10	11	21	0	0	0	0	0	0	0	0	0	0	8.3	9.3	10.3	11.4	12.1	12.7	13.4	13.9	14.5	15.8
61	4	198	1	1	1	10	11	11	0	0	0	0	0	0	30	0	0	0	6.0	7.0	8.5	9.5	10.2	10.9	11.4	12.1	12.6	13.6
61	4	199	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	4.3	4.9	5.4	5.8	6.2	6.5	6.8	7.3
61	4	200	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	0	.0	3.7	4.6	5.4	6.1	6.5	7.0	7.4	8.0	8.7
61	4	201	1	1	1	12	12	14	0	0	0	0	0	0	0	0	0	0	5.4	6.1	6.8	7.3	7.5	7.8	7.9	8.4	8.5	8.7
61	4	202	1	1	1	10	10	11	0	0	0	0	0	0	0	0	0	0	4.9	6.4	7.8	8.8	9.6	10.3	11.0	11.8	12.8	13.9
61	4	203	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	0	8.1	9.1	10.2	11.2	11.7	12.3	12.7	13.3	13.9	14.9
61	4	204	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.9
61	4	205	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	22	22	.0	.0	.0	.0	.0	.0	.0	3.8	4.8	5.8	7.8
61	4	206	1	1	1	11	11	13	0	0	14	0	0	0	0	0	0	0	7.3	8.2	9.1	9.8	10.2	10.6	11.2	11.7	12.0	12.2
61	4	207	1	1	1	10	21	21	0	0	0	0	0	0	0	0	0	52	8.2	9.3	10.4	12.0	12.8	13.7	14.1	14.7	15.3	16.5
61	4	208	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	3.9	4.5	5.1	5.7	6.2	6.8	7.4	8.3
61	4	209	1	1	1	1X	11	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.3	4.9	5.5	6.0	6.6	7.0	7.6
61	4	210	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.0	6.7
61	4	211	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	0	4.5	5.5	7.0	8.1	8.7	9.1	9.5	9.8	10.2	10.8
61	4	212	1	1	1	10	10	11	0	0	0	0	0	0	0	0	0	0	.0	4.0	5.3	6.5	7.4	8.2	8.8	9.6	10.2	11.2
61	4	213	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	5.0	7.0
61	4	214	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	.0	4.0	4.5	5.0	5.4	5.8	6.3	6.8	7.2	7.8
61	4	215	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	0	.0	4.6	5.7	6.7	7.3	7.7	8.2	8.7	9.0	9.8
61	4	216	1	1	1	11	12	14	0	0	0	0	0	0	0	0	0	0	4.5	5.3	6.1	6.9	7.1	7.5	7.7	8.0	8.1	8.2
61	4	217	1	1	1	1X	12	13	0	0	0	0	0	0	0	0	0	0	.0	.0	4.0	4.3	4.7	5.0	5.3	5.6	5.9	6.2
61	4	218	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	0	3.7	4.6	5.6	6.5	7.2	7.8	8.4	8.9	9.5	10.5
61	4	219	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	.0	4.1	5.1	6.0	6.6	7.1	7.6	8.2	8.7	9.6
61	4	220	1	1	1	10	11	22	0	0	0	0	0	0	0	0	0	0	5.2	6.2	7.4	8.7	9.6	10.4	11.0	11.6	12.2	13.0
61	4	221	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	.0	4.2	5.4	6.3	6.3	7.1	7.4	8.3	8.6	9.2
61	4	222	1	1	1	1X	12	13	0	0	0	0	0	0	0	0	0	0	.0	.0	4.0	4.3	4.7	5.2	5.6	5.8	6.1	6.5
61	4	223	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	5.8	6.6	8.0	9.0	9.8	10.5	10.9	11.5	11.9	12.7
61	4	224	1	1	1	10	11	22	0	33	0	0	0	0	0	0	0	0	6.9	8.0	9.4	10.6	11.5	12.1	12.5	13.2	13.7	14.4
61	4	225	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	4.3	4.7	5.0	5.4	5.9	6.3	6.7	7.1	7.4	8.0
61	4	226	1	1	1	10	12	13	0	0	0	0	0	0	0	0	0	0	5.2	6.7	8.3	9.3	9.7	10.3	10.6	11.0	11.5	11.6
61	4	227	1	1	1	10	21	22	0	14	0	0	0	0	0	0	0	0	9.1	10.2	12.1	13.5	14.3	15.1	15.6	16.3	16.8	17.6
61	4	228	1	1	1	1X	11	12	0	0	0	0	0	0	0	0	0	0	.0	.0	4.0	4.6	5.2	5.8	6.4	7.0	7.6	8.2
61	4	229	1	1	1	10	12	23	0	0	0	0	0	0	0	0	0	0	6.8	7.7	9.0	10.0	10.5	10.9	11.3	11.7	11.8	12.1
61	4	230	1	1	1	10	21	22	0	0	0	0	0	0	30	0	0	0	8.6	9.6	11.1	12.4	13.1	13.7	14.2	14.9	15.5	16.2
61	4	231	1	1	1	10	11	21	0	0	0	0	0	0	5	0	0	0	6.3	7.0	8.3	9.7	10.6	11.4	12.0	12.7	13.3	14.4
61	4	232	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	.0	4.2	5.5	6.5	7.3	7.9	8.4	8.9	9.4	10.2
61	4	233	1	1	1	1X	1X	10	0	0	0	0	0	0	3	3	3	0	.0	.0	.0	.0	.0	.0	.0	4.4	5.4	7.4
61	4	234	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	4.6	5.6	6.6	7.6	8.2	9.0	9.7	10.2	10.6	11.3
61	4	235	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	33	33	.0	.0	.0	.0	.0	.0	.0	4.1	4.8	6.2
61	4	236	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	4.9	6.3
61	4	237	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	6.0
61	4	238	2	2	2	44	44	44	0	0	0	0	0	0	0	0	0	0	27.4	27.5	27.6	27.8	27.9	28.0	28.1	28.1	28.1	28.3
61	4	239	2	2	2	32	33	33	0	0	0	0	0	0	0	0	0	0	24.8	25.2	25.6	26.0	26.3	26.5	26.6	26.8	27.1	27.5
61	4	240	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	.0	3.8	4.8	5.8	7.8
61	4	241	2	2	2	33	33	34	0	0	0	0	0	14	30	0	0	0	19.7	20.0	20.3	20.4	20.6	20.9	21.1	21.1	21.1	21.4
61	4	242	2	2	2	32	34	34	0	0	0	0	0	0	30	0	0	0	26.9	27.3	27.7	28.1	28.3	28.4	28.5	28.7	28.8	28.9
61	4	243	2	2	2	34	34	34	20	20	20	20	0	20	20	21	20	20	26.0	25.2	26.2	26.4	26.5	26.5	26.6	26.6	26.6	26.9
61	4	244	2	2	2	42	44	43	20	20	20	20	0	30	0	0	20	20	22.7	22.9	23.2	23.3	23.7	23.7	23.7	23.7	23.7	24.1
61	4	245	2	2	2	32	33	34	3	3	30	3	3	3	30	30	30	30	31.7	32.0	32.3	32.7	32.9	33.1	33.1	33.3	33.5	33.7
61	4	246	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	5.3	6.3	8.3
61	4	247	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.9	5.7	7.2
61	4	248	2	2	2	42	43	44	0	0	0	0	0	0	0	0	0	0	34.0	34.4	34.8	35.3	35.4	35.5	35.6	35.8	35.9	36.1
61	4	249	1	1	1	22	24	24	0	0	0	0	0	0	0	60	0	95	12.4	12.6	13.2	13.7	13.8	14.0	14.1	14.1	14.1	14.1

61	4	250	2	2	2	43	43	4X	20	64	21	21	0	0	20	60	90	0	28.5	28.7	28.7	29.0	29.3	29.5	29.6	29.8	29.8	.0
61	4	251	2	2	0	32	34	44	22	22	22	22	20	20	20	90	0	0	25.4	25.9	26.3	26.6	26.9	27.0	27.1	27.1	.0	.0
61	4	252	1	0	0	1X	44	44	0	0	14	95	0	0	0	0	0	0	.0	4.2	5.0	5.0	.0	.0	.0	.0	.0	.0
61	4	253	1	0	0	1X	44	44	20	20	95	0	0	0	0	0	0	0	5.8	6.0	6.0	.0	.0	.0	.0	.0	.0	.0
61	4	254	1	1	1	12	13	14	0	0	0	0	0	0	0	0	0	95	5.8	6.2	6.6	7.0	7.4	7.7	7.8	7.8	7.8	7.8
61	4	255	1	1	0	12	1X	44	20	20	20	0	0	0	95	0	0	0	5.0	5.5	6.0	6.3	6.4	6.3	6.3	.0	.0	.0
61	4	256	1	1	1	12	1X	1X	0	0	0	0	0	0	95	0	0	0	.0	4.2	4.8	5.0	5.5	5.8	5.8	.0	.0	.0
61	4	257	1	1	1	12	1X	1X	0	0	0	0	0	0	95	0	0	0	4.3	5.0	5.7	6.1	6.4	6.7	6.8	.0	.0	.0
61	4	258	1	1	0	13	1X	44	0	0	0	0	0	0	95	0	0	0	5.5	5.7	5.9	6.0	6.1	6.2	6.2	.0	.0	.0
61	4	259	1	1	1	12	14	14	30	30	30	30	30	30	32	32	32	98	9.8	10.0	10.2	10.7	10.9	11.1	11.1	11.1	11.1	11.1
61	4	260	1	1	1	10	10	13	0	0	0	0	0	0	0	0	32	98	7.6	8.0	8.6	9.8	11.1	12.2	13.0	13.8	14.2	14.3
61	4	261	2	2	2	42	43	4X	24	24	24	24	24	24	24	24	90	0	30.7	30.9	31.2	31.5	31.7	32.0	32.2	32.3	32.3	.0
61	4	262	2	2	2	42	42	44	0	0	0	0	40	40	41	41	43	93	30.2	30.7	31.2	31.7	31.8	32.4	32.5	32.7	32.7	32.8
61	4	263	1	1	1	13	13	13	0	0	0	0	0	0	0	0	0	99	6.5	6.6	6.8	7.0	7.2	7.3	7.5	7.7	8.4	8.4

TABLE 1.5:

PLOT NO.	SUB PLOT NO.	TREE NO.	AGE CLASS 20	40	60	AGE-VIGOR I	II	III	TREE CONDITION CODE 1920	25	30	35	40	45	50	55	60	70	D.B.H. (INCHES) 1920	25	30	35	40	45	50	55	60	70
61	5	1	2	2	2	33	34	34	0	0	60	0	0	0	0	0	0	20	19.2	19.5	19.8	20.0	20.2	20.2	20.3	20.3	20.5	20.6
61	5	2	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	4.7	5.2	6.2
61	5	3	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	1	0	.0	.0	.0	4.0	4.5	5.0	5.5	6.1	6.7	7.7
61	5	4	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.9	4.5	5.0	6.4
61	5	5	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	4.7	5.2	6.5
61	5	6	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	4.4	5.6	7.1	8.3	9.2	10.2	11.1	12.6
61	5	7	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.5	5.0	6.7
61	5	8	2	2	2	34	34	34	24	64	52	0	0	0	0	0	0	0	30.1	30.3	30.4	30.4	30.5	30.5	30.5	30.5	30.5	30.5
61	5	9	2	2	2	32	33	33	0	0	0	0	0	0	30	0	0	0	26.0	26.8	27.3	28.0	28.1	28.4	28.5	28.7	29.1	29.3
61	5	10	1	1	1	10	11	22	0	0	0	0	0	0	30	0	0	0	7.3	8.0	9.1	9.9	10.3	11.0	11.5	12.0	12.3	13.3
61	5	11	1	1	1	20	20	22	0	0	0	0	0	0	30	0	30	0	20.4	22.4	23.9	25.1	26.1	27.0	27.5	28.3	28.9	29.7
61	5	12	1	1	1	21	22	22	0	0	0	0	0	14	0	0	30	0	13.0	13.6	14.1	14.7	15.3	15.4	15.8	16.2	16.6	17.2
61	5	13	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	5.0	7.0
61	5	14	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	5.0	5.8	7.2
61	5	15	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	0	.0	3.9	4.5	5.1	5.7	6.3	6.9	7.5	8.1	9.3
61	5	16	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	4.7	6.1
61	5	17	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	4.8	6.0	7.5
61	5	18	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.8	6.7
61	5	19	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.6	5.3	6.7
61	5	20	1	1	1	10	12	21	0	0	0	0	0	64	0	0	0	13	7.9	8.8	9.9	10.4	11.4	11.7	12.4	12.7	13.4	14.2
61	5	21	1	1	1	11	12	12	0	0	14	0	0	0	0	0	0	11	4.0	4.5	5.1	5.5	6.0	6.7	7.0	7.3	7.9	8.4
61	5	22	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.7
61	5	23	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.1	6.6
61	5	24	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.9	4.6	5.4	6.3	8.0
61	5	25	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	4.8	6.3
61	5	26	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	4.8	5.4	7.2
61	5	27	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.6	6.0
61	5	28	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	3	.0	.0	.0	.0	.0	.0	.0	4.3	5.5	7.2
61	5	29	1	1	1	1X	11	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.4	5.1	5.8	6.5	7.2	7.9	9.3
61	5	30	1	1	1	1X	11	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.3	5.0	5.8	6.0	6.7	8.2
61	5	31	1	1	1	1X	1X	10	0	0	0	0	0	0	0	30	30	33	.0	.0	.0	.0	.0	.0	4.2	4.7	5.3	7.0
61	5	32	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	5.0	5.8	6.6	8.6
61	5	33	2	2	2	42	43	44	0	0	0	0	0	0	0	0	0	0	32.1	32.4	32.8	33.2	33.4	33.8	34.0	34.1	34.1	34.4
61	5	34	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	5.0	6.0	8.0
61	5	35	1	1	1	10	11	22	0	0	0	0	0	0	0	0	0	0	4.8	5.9	7.9	8.3	9.1	9.9	10.5	11.2	11.7	12.6
61	5	36	1	1	1	10	10	21	0	0	0	0	0	0	0	0	0	0	5.7	6.9	8.2	9.5	10.4	11.1	11.7	12.5	13.1	14.4
61	5	37	1	1	1	1X	13	14	0	0	0	0	0	0	0	0	0	0	.0	.0	3.6	4.3	5.0	5.2	5.4	5.6	5.8	6.0
61	5	38	1	1	1	10	10	21	0	0	33	0	0	0	0	0	0	0	6.9	8.0	9.3	10.6	11.4	12.4	13.1	14.0	14.6	15.5
61	5	39	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.6	4.5	6.5
61	5	40	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	3.7	4.5	5.3	5.8	6.2	6.6	6.9	7.5
61	5	41	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.6	4.3	6.3
61	5	42	1	1	1	1X	12	13	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	3.6	4.2	4.7	4.9	5.1	5.3	5.7
61	5	43	1	1	1	1X	12	13	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	3.9	4.7	5.4	5.7	6.0	6.3	6.7
61	5	44	1	1	1	1X	12	13	0	0	0	0	0	0	0	0	0	0	.0	.0	3.8	4.5	5.4	6.0	6.3	6.6	6.9	7.3
61	5	45	1	1	1	1X	11	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	3.8	4.6	5.3	5.7	6.1	6.5	7.3
61	5	46	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	3.6	4.4	5.5	5.8	6.1	6.4	6.7	7.2
61	5	47	1	1	1	1X	13	12	0	0	0	0	0	0	0	0	0	0	.0	.0	4.2	5.1	6.0	6.2	6.4	6.6	6.9	7.5
61	5	48	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	3.7	4.4	4.8	5.2	5.6	6.0	6.6
61	5	49	1	1	1	10	11	22	0	0	0	0	0	0	0	0	0	34	5.2	6.5	8.1	9.7	10.5	11.2	12.0	12.3	12.8	13.3
61	5	50	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.6
61	5	51	1	1	1	10	10	22	0	0	0	0	0	0	30	0	0	0	7.0	7.8	9.3	9.7	10.3	12.0	12.6	13.4	13.9	14.8
61	5	52	1	1	1	10	12	23	0	14	0	0	0	0	0	0	0	35	6.6	7.6	9.0	10.0	10.6	11.2	11.5	11.9	12.2	12.5
61	5	53	1	1	1	10	21	22	0	0	0	0	0	0	0	0	0	3	8.7	9.7	10.8	12.0	12.6	13.2	13.6	14.1	14.6	15.4
61	5	54	1	1	1	11	13	13	0	0	0	0	0	0	0	0	0	0	4.8	6.3	7.0	7.7	7.8	8.2	8.3	8.5	8.7	9.1
61	5	55	1	1	1	11	12	13	0	0	0	0	0	0	0	0	0	0	5.0	5.7	6.5	7.3	7.7	8.2	8.4	8.8	9.2	9.5
61	5	56	1	1	1	12	12	13	0	0	0	0	0	0	0	0	0	0	5.6	6.0	6.4	6.8	7.2	7.6	8.0	8.4	8.6	8.8
61	5	57	1	1	1	11	12	12	0	0	0	0	0	0	33	9	0	34	5.5	5.6	5.8	7.0	7.6	8.0	8.4	8.7	9.2	9.6
61	5	58	1	1	1	1X	12	13	0	0	0	0	14	0	0	0	0	33	.0	.0	4.3	5.0	5.8	6.1	6.4	6.7	6.9	7.4
61	5	59	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	0	4.2	5.0	6.0	6.8	7.5	7.8	8.3	8.8	9.3	10.0
61	5	60	1	1	1	11	13	14	0	0	0	0	0	0	34	33	33	33	3.6	4.2	5.0	5.9	6.2	6.2	6.4	6.6	6.6	6.9
61	5	61	1	1	1	13	13	13	0	0	0	0	0	0	0	0	0	0	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.8	8.0	8.3
61	5	62	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	5.5	5.9	6.3	6.7	7.2	7.6	7.8	8.1	8.6	9.1
61	5	63	1	1	1	12	13	13	0	0	0	0	0	0	0	0	0	0	5.9	6.2	6.8	7.4	7.6	7.9	8.0	8.3	8.6	8.9
61	5	64	1	1	1	12	12	14	0	0	0	0	0	0	0	0	0	0	5.3	5.8	6.4	6.8	7.1	7.6	7.8	8.0	8.2	8.4
61	5	65	1	1	1	12	13	13	0	0	0	0	0	0	0	0	0	0	.0	4.2	4.8	5.2	5.5	5.7	5.9	6.0	6.3	6.6
61	5	66	1	1	1	10	11	22	0	0	0	0	0	0	0	0	0	0	6.6	7.5	8.9	9.8	10.3	10.9	11.5	11.8	12.3	12.6
61	5	67	1	1	1	12	14	14	0	0	0	0	0	0	0	0	0	0	6.1	6.6	7.2	7.8	8.0	8.0	8.0	8.2	8.3	8.5
61	5	68	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	0	5.7	6.4	7.3	8.2	8.5	9.1	9.4	9.8	10.2	10.8
61	5	69	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	0	4.2	5.0	5.9	6.8	7.4	8.0	8.3	8.8	9.2	9.8
61	5	70	1	1	1	1X	13	13	0	0	0	0	0	0	0	0	0	2	.0	.0	4.3	5.4	6.5	6.7	6.9	7.1	7.3	7.7

61	5	71	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	4.8	5.4	6.7
61	5	72	1	1	1	13	13	12	0	0	0	0	0	0	0	0	0	0	6.1	6.3	6.5	6.7	7.0	7.2	7.5	7.7	8.0	8.5
61	5	73	1	1	1	10	12	12	0	0	0	0	0	0	30	0	0	0	.0	3.7	5.3	7.0	7.5	8.1	8.4	8.9	9.3	9.9
61	5	74	1	1	1	10	12	13	0	0	0	0	0	0	0	0	0	0	3.7	4.5	5.5	6.4	6.9	7.4	7.6	7.9	8.2	8.6
61	5	75	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	0	4.4	5.2	6.4	7.1	7.6	8.0	8.4	8.8	9.1	9.7
61	5	76	1	1	1	10	12	12	0	0	0	0	0	0	30	0	0	0	6.1	7.0	8.3	9.0	9.8	10.2	10.5	11.1	11.5	12.1
61	5	77	1	1	1	1X	12	13	0	0	0	0	0	0	0	0	0	2	.0	.0	.0	4.4	5.0	5.4	5.7	6.0	6.3	6.7
61	5	78	2	2	2	34	34	34	0	9	52	65	0	0	0	0	0	0	23.4	23.5	23.7	23.8	23.9	23.9	23.9	23.9	23.9	23.9
61	5	79	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	3.6	4.3	4.9	5.3	6.7
61	5	80	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	0	4.4	5.4	6.7	7.8	8.5	9.2	9.7	10.4	11.0	12.1
61	5	81	1	1	1	1X	12	13	0	0	0	0	0	2	2	2	2	2	.0	.0	.0	4.4	5.4	6.1	6.4	6.7	7.0	7.4
61	5	82	1	1	1	1X	1X	11	0	0	0	0	0	0	0	33	35	9	.0	.0	.0	.0	.0	.0	4.0	5.0	5.4	6.9
61	5	83	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.9	4.8	5.9	7.9
61	5	84	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.4	5.6	6.4	7.0	7.6	8.2	9.3
61	5	85	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.8	4.5	5.0	6.8
61	5	86	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	4.8	6.4
61	5	87	2	2	2	42	43	44	0	14	52	60	64	0	0	0	0	0	27.4	27.8	28.3	28.5	28.9	29.1	29.3	29.5	29.6	29.8
61	5	88	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	3.9	5.5	6.5	7.5	8.4	9.2	10.1	11.4
61	5	89	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.1
61	5	90	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	5.0	5.8	7.1
61	5	91	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	5.0	5.9	7.1
61	5	92	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.9	4.7	5.3	6.8
61	5	93	1	1	1	20	21	21	0	0	30	0	0	0	0	0	0	0	13.1	14.1	15.2	16.3	17.1	17.9	18.4	19.0	19.6	20.8
61	5	94	1	1	1	12	24	24	0	0	30	9	0	33	33	0	0	0	10.9	11.2	11.5	11.8	12.0	12.1	12.1	12.2	12.2	12.2
61	5	95	1	1	1	10	12	21	0	0	0	0	0	0	30	0	0	21	8.7	9.5	10.1	11.0	12.0	12.1	12.7	13.3	13.8	14.8
61	5	96	1	1	1	21	21	22	0	0	0	0	0	0	0	0	0	41	17.5	18.0	18.6	19.0	19.5	20.0	20.5	21.0	21.3	21.8
61	5	97	1	1	1	21	22	22	0	0	0	0	0	0	0	0	0	0	19.7	20.8	21.9	22.4	22.9	23.3	23.8	24.3	24.7	25.5
61	5	98	1	1	1	20	22	22	0	0	0	0	0	0	0	0	0	0	17.0	17.8	18.6	19.4	20.2	20.8	21.1	21.5	21.8	22.9
61	5	99	1	1	1	13	13	13	0	0	0	0	0	0	0	0	0	4	4.4	4.5	4.6	4.8	5.1	5.3	5.6	5.8	6.0	6.5
61	5	100	1	1	1	21	22	22	0	0	0	0	0	0	30	0	30	0	21.2	21.7	22.3	22.9	23.2	23.8	24.1	24.5	24.9	25.6
61	5	101	1	1	1	24	24	24	0	0	0	0	0	0	30	30	30	0	16.6	16.7	16.9	16.9	16.9	17.0	17.0	17.1	17.1	17.1
61	5	102	1	1	1	22	22	23	0	0	0	0	0	0	30	0	30	0	17.6	18.0	18.5	19.0	19.2	19.6	19.8	20.2	20.4	20.9
61	5	103	1	1	1	21	21	21	0	3	0	0	0	0	30	30	0	0	20.7	21.4	22.1	22.8	23.4	24.1	24.6	25.1	25.6	26.9
61	5	104	2	2	2	43	44	44	0	0	52	0	0	0	0	0	0	0	32.8	33.0	33.1	33.4	33.5	33.8	33.8	33.9	33.9	34.0
61	5	105	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.4	5.2	6.0	6.7	7.4	8.1	9.4
61	5	106	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	34	9	.0	.0	.0	.0	.0	.0	.0	4.2	4.8	6.3
61	5	107	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.6	6.1
61	5	108	1	1	1	12	12	13	0	0	0	0	0	0	0	0	0	0	8.2	8.6	9.0	9.4	9.7	10.0	10.4	10.8	10.9	11.3
61	5	109	1	1	1	21	22	23	0	0	0	0	0	0	0	0	0	0	21.5	22.1	22.8	23.3	23.8	24.2	24.4	24.7	24.8	25.2
61	5	110	1	1	1	12	12	13	0	0	0	0	0	0	0	0	0	0	7.2	7.5	7.9	8.1	8.5	8.8	9.0	9.3	9.6	9.8
61	5	111	1	1	1	13	14	14	0	0	0	0	0	0	0	0	0	0	9.4	9.6	10.0	10.2	10.3	10.5	10.5	10.6	10.6	10.8
61	5	112	1	1	1	22	23	23	0	0	0	0	0	0	0	0	0	0	14.3	14.6	14.8	15.0	15.5	15.8	15.9	16.2	16.5	16.7
61	5	113	1	1	1	20	22	21	0	0	0	0	0	0	30	30	0	0	18.7	19.3	20.1	20.7	21.5	22.0	22.3	22.7	23.2	24.2
61	5	114	2	2	2	43	44	43	0	0	0	0	0	0	0	0	0	0	29.2	29.4	29.7	30.0	30.1	30.3	30.5	30.5	30.7	31.0
61	5	115	2	2	2	43	43	44	0	0	0	0	0	0	0	0	30	0	27.0	27.2	27.4	27.6	27.7	28.0	28.0	28.1	28.1	28.5
61	5	116	2	2	2	43	44	42	0	64	52	0	0	0	30	0	0	0	26.1	26.3	26.5	26.8	27.0	27.3	27.3	27.3	27.8	28.1
61	5	117	2	2	2	42	44	44	0	64	0	0	0	0	30	0	0	0	31.0	31.4	31.8	32.1	32.5	32.6	32.6	32.7	32.9	33.0
61	5	118	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	.0	4.2	4.9	5.3	6.7
61	5	119	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	5.0	5.8	7.3
61	5	120	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	3.6	5.1	5.8	7.4	8.1	9.0	9.7	10.9
61	5	121	2	2	2	42	43	43	0	14	0	0	0	0	30	0	0	0	34.1	34.5	35.0	35.3	35.6	35.8	35.9	36.2	36.3	36.6
61	5	122	1	1	1	22	24	23	0	0	0	0	0	0	30	30	0	0	17.5	18.0	18.5	19.0	19.4	19.5	19.7	19.7	19.9	20.3
61	5	123	1	1	1	23	24	23	0	0	0	0	0	14	30	0	0	0	17.6	17.8	18.1	18.3	18.5	18.6	18.7	18.8	18.9	19.4
61	5	124	1	1	1	22	24	23	0	0	0	0	0	0	30	0	0	0	19.7	20.0	20.2	20.6	20.8	21.0	21.1	21.2	21.4	21.6
61	5	125	1	1	1	22	23	22	0	0	0	0	0	0	0	0	0	0	16.7	17.1	17.5	17.8	18.2	18.5	18.7	18.8	19.2	19.6
61	5	126	1	1	1	21	21	21	0	0	0	0	0	0	0	0	0	0	18.5	19.1	19.7	20.2	20.8	21.6	21.9	22.5	23.1	24.0
61	5	127	1	1	1	22	22	23	0	0	0	0	0	0	0	0	0	0	13.9	14.2	14.6	15.1	15.2	15.6	15.8	16.3	16.5	16.9
61	5	128	1	1	1	12	12	22	0	0	0	0	0	0	0	0	0	0	9.4	9.8	10.2	10.9	11.1	11.6	11.9	12.4	12.8	13.4
61	5	129	1	1	1	12	12	13	0	0	0	0	0	0	0	0	0	0	6.0	6.3	6.5	6.9	7.2	7.5	7.6	8.0	8.2	8.6
61	5	130	1	1	1	24	24	24	0	14	0	0	0	0	0	0	0	0	11.8	12.0	12.2	12.3	12.4	12.4	12.4	12.5	12.5	12.6
61	5	131	1	1	1	21	22	22	0	0	0	0	0	0	30	0	0	0	17.4	18.0	18.8	19.3	19.9	20.3	20.6	21.1	21.3	22.5
61	5	132	1	1	1	21	22	22	0	0	0	0	0	0	0	0	0	0	19.4	20.0	20.8	21.3	21.8	22.3	22.7	23.0	23.3	24.0
61	5	133	1	1	1	22	22	23	0	60	0	0	0	0	0	0	0	0	16.1	16.4	16.7	17.1	17.3	17.6	17.8	18.2	18.4	18.9
61	5	134	1	1	1	22	22	23	0	60	0	0	0	0	0	0	0	0	16.6	17.0	17.5	17.9	18.2	18.5	18.8	19.1	19.3	19.7
61	5	135	1	1	1	12	13	13	0	0	0	0	0	0	0	0	0	3	7.8	8.2	8.6	8.8	9.3	9.4	9.5	9.8	10.1	10.5
61	5	136	1	1	1	22	23	22	0	0	0	0	0	0	0	0	30	0	17.3	17.7	18.2	18.5	18.8	19.0	19.1	19.4	19.7	20.2
61	5	137	1	1	1	22	23	24	0	0	0	0	0	0	0	0	0	0	16.1	16.4	16.8	17.0	17.4	17.5	17.6	17.9	18.0	18.2
61	5	138	1	1	1	23	24	24	0	0	0	0	0	0	0	0	0	0	14.7	14.9	15.2	15.4	15.5	15.7	15.7	15.9	16.1	16.1
61	5	139	1	1	1	24	24	24	0	0	0	0	0	0	0	0	0	0	16.5	16.6	16.6	16.9	16.9	17.0	17.0	17.1	17.2	17.3
61	5	140	1	1	1	21	22	21	0	0	0	0	0	0	0	0	0	0	18.3	18.9	19.4	20.1	20.6	21.0	21.5	21.8	22.4	23.3
61	5	141	1	1	1	22	22	22	0	0	0	0	0	0	30	0	0	0	19.8	20.3	20.9	21.4	21.7	22.1	22.5	22.9	23.1	23.7
61	5	142	1	1	1	12	22	22	0	0	30	0	31	0	30	0	30	0	10.9	11.3	11.8	12.3	12.6	13.1	13.4	14.0	14.4	15.2
61	5	143	1	1	1	21	23	23	0	0	30	0	31	30	30	0	0	0	19.2	19.7	20.2	20.6	21.2	21.3	21.5	21.7	21.9	22.3
61	5	144	1	1	1	21	22	22	0	0	0	0	0	0	30	0	0	0	19.5	20.0	20.5	20.9	21.5	21.9	22.1	22.5	22.8	23.4
61	5	145	1	1	1	21	22	22	0	0	0	0	0	30	30	0	0	0	19.6	20.2	20.9	21.6	22.1	22.5	22.9	23.2	23.2	24.1
61	5	146	1	1	1	21	21	21	0	0	52	0	0	0	30	0	0	0	19.6	20.2	20.8	21.3	21.9	22.5	23.1	23.4	23.9	25.0
61	5	147	1	1	1	22	22	23	0	0	0	0	0	0	30	0	30	0	17.1	17.5	18.0	18.3	18.6	19.1	19.3	19.6	19.9	20.4
61	5	148	1	1	1	21	21	22	0	0	0	0	0	0	30	0	0	0	16.8	17.3	17.8	18.5	18.8	19.6	20.2	20.6	21.0	21.7
61	5	149	1	1	1	22	22	22	0	0	0	0	0	0	30	0	0	0	13.5	13.9	14.4	14.8	15.0	15.4	15.7	16.0	16.3	16.9
61	5	150	1	1	1	20	20	21	0	0	0	0	0	0	30	0	0	0	19.2	20.0	21.0	21.8	22.5	23.3	23.9	24.6	25.1	26.1
61	5	151	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.6	4.4	5.3	7.0
61	5	152	2	2	2	42	42	43	0	3	0	0	0	0	30	0	0	0	28.9	29.4	30.0	30.4	30.8	31.1	31.4	31.6	31.9	32.3
61	5	153	1	1	1	20	20	22	0	0	0	0	0	0	0	0	0	0	23.2	24.0	24.9	25.9	26.5	27.4	28.1	28.8	29.2	30.1
61	5	154	1	1	1	23	23	34	0	0	0	0	0	0	30	0	0	0	18.8	19.0	19.3	19.5	19.7	19.8	20.0	20.1	20.2	20.3
61	5	155	1	1	1	21	22	22	0	0	52	0	0	0	30	0	0	0	20.8	21.4	22.2	23.1	23.2	23.6	24.1	24.2	24.5	25.0
61	5	156	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.6	5.3	7.3
61	5	157	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.9	4.5	5.0	6.2
61	5	158	2	2	2	44	44	4X	0	0	0	0	3	9	81	91	0	0	28.2	28.4	28.7	28.7	28.7	28.8	28.8	28.9	.0	.0
61	5	159	1	1	1	1X	1X	1X	0	0	0	91	0	0	0	0	0	0	6.6	7.6	8.6	8.6	.0	.0	.0	.0	.0	.0
61	5	160	1	1	1	1X	1X	1X	0	0	0	91	0	0	0	0	0	0	5.0	5.7	6.4	6.4	.0	.0	.0	.0	.0	.0
61	5	161	2	2	2	4X	4X	4X	0	0	52	41	0	0	0	0	0	0	31.8	32.8	33.8	33.8	.0	.0	.0	.0	.0	.0
61	5	162	1	1	1	1X	1X	1X	0	0	99	0	0	0	0	0	0	0	19.9	19.9	19.9	.0	.0	.0	.0	.0	.0	.0
61	5	163	1	1	1	2X	2X	2X	0	65	52	92	0	0	.0	0	0	0	21.3	21.5	21.7	21.7	.0	.0	.0	.0	.0	.0
61	5	164	1	1	1	2X	2X	2X	0	21	9	94	0	0	0	0	0	0	18.2	18.2	18.4	18.4	.0	.0	.0	.0	.0	.0
61	5	165	1	1	0	13	1X	44	0	0	0	0	0	0	95	0	0	0	.0	3.9	4.3	4.4	4.6	4.7	4.7	.0	.0	.0
61	5	166	1	1	0	11	1X	44	0	0	0	0	0	0	95	0	0	0	4.6	5.5	6.3	6.7	7.1	7.3	7.3	.0	.0	.0

TABLE 1.6:

PLOT NO.	SUB PLOT NO.	TREE NO.	AGE CLASS 20	40	60	AGE= VIGOR I	II	III	TREE CONDITION CODE 1920	25	30	35	40	45	50	55	60	70	D.B.H. (INCHES) 1920	25	30	35	40	45	50	55	60	70
61	6	1	1	1	1	21	23	24	0	0	0	0	0	0	30	30	0	0	17.3	17.9	18.5	19.1	19.6	19.9	20.2	20.3	20.6	20.6
61	6	2	1	1	1	21	23	23	0	3	0	0	0	0	0	0	0	52	22.2	22.7	23.4	23.7	24.3	24.5	24.7	24.9	25.2	25.4
61	6	3	1	1	1	23	24	24	0	74	0	0	0	0	0	0	0	0	20.2	20.4	20.7	20.9	21.0	21.0	21.0	21.1	21.1	21.2
61	6	4	1	1	1	20	22	22	0	0	0	0	0	3	0	30	0	0	24.0	24.7	25.5	26.2	26.9	27.4	27.8	28.1	28.5	29.3
61	6	5	1	1	1	23	24	24	0	0	0	0	0	0	0	0	30	0	13.0	13.2	13.3	13.9	13.9	13.9	13.9	13.9	14.1	14.2
61	6	6	1	1	1	20	22	22	0	0	0	0	0	0	0	0	30	3	15.8	16.5	17.5	18.1	18.6	19.1	19.4	19.6	20.0	20.5
61	6	7	1	1	1	21	22	22	0	0	0	0	0	0	0	0	0	0	19.0	19.6	20.4	21.0	21.4	21.9	22.5	22.7	23.1	23.7
61	6	8	1	1	1	21	22	23	0	0	0	0	0	0	0	0	0	0	16.7	17.2	17.2	18.3	18.7	19.2	19.2	19.5	19.6	20.0
61	6	9	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	0	3.9	4.5	5.1	5.7	6.3	6.9	7.5	8.1	8.8	9.8
61	6	10	1	1	1	1X	11	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.1	5.0	5.5	6.0	6.4	7.4
61	6	11	1	1	1	10	11	21	0	0	0	0	0	0	0	0	0	0	6.7	7.9	9.4	10.6	11.4	12.1	12.7	13.3	13.8	14.9
61	6	12	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.0
61	6	13	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.0	4.5	5.0	5.7	6.2	7.6
61	6	14	1	1	1	1X	1X	10	0	0	0	0	0	0	0	14	14		.0	.0	.0	.0	.0	.0	.0	4.2	5.2	7.2
61	6	15	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.6	4.5	6.5
61	6	16	2	2	2	43	43	43	0	0	60	0	0	0	0	0	30	3	32.0	32.2	32.4	32.6	32.7	33.0	33.0	33.4	33.6	34.0
61	6	17	1	1	1	1X	11	10	0	0	0	0	0	0	0	14	14		.0	.0	.0	.0	3.6	4.3	4.7	5.3	6.1	7.5
61	6	18	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	4.7	5.2	6.9
61	6	19	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	3.9	4.9	5.9	6.9	7.9	9.9
61	6	20	1	1	1	1X	1X	12	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	4.0	4.6	5.4	5.9	6.6
61	6	21	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	5.0	5.7	7.1
61	6	22	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.7	4.5	5.3	5.9	7.4
61	6	23	1	1	1	1X	10	20	0	0	0	0	0	0	0	0	0	0	.0	.0	4.2	4.8	6.5	8.2	9.9	12.0	13.7	16.6
61	6	24	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.6	4.6	6.6
61	6	25	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	4.9	6.2
61	6	26	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	5.3	6.3	8.3
61	6	27	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	0	3.9	4.5	5.1	5.7	6.2	6.8	7.3	7.9	8.4	9.5
61	6	28	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.5	5.0	5.5	7.0
61	6	29	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.5	5.0	6.3
61	6	30	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.5	5.0	5.5	6.0	7.4
61	6	31	2	2	2	44	44	44	0	9	0	0	0	0	0	0	0	0	16.1	16.2	16.2	16.3	16.4	16.5	16.5	16.6	16.8	16.8
61	6	32	2	2	2	42	42	44	0	0	0	0	0	0	0	0	0	0	34.4	34.7	35.3	35.8	36.0	36.5	36.7	37.0	37.3	37.4
61	6	33	2	2	2	42	42	43	0	0	0	0	0	0	0	0	0	0	23.1	23.4	23.5	24.0	24.4	24.7	24.9	25.2	25.3	25.6
61	6	34	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	4.7	6.1
61	6	35	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	4.9	5.3	5.7	6.1	6.5	6.9	7.3	7.7	8.0	8.7
61	6	36	1	1	1	10	10	10	0	0	0	0	0	0	0	0	0	0	.0	3.5	4.4	5.2	6.0	6.9	7.7	8.5	9.9	11.0
61	6	37	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	5.0	6.0	8.0
61	6	38	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.9	6.9
61	6	39	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.6	6.0
61	6	40	1	1	1	21	22	23	0	0	52	0	0	0	0	0	0	0	22.8	23.4	24.0	24.5	25.1	25.6	25.8	26.0	26.5	26.7
61	6	41	1	1	2	22	22	34	0	0	0	0	0	0	31	31	0	0	25.3	25.8	26.4	27.0	27.2	27.5	27.7	28.0	28.0	28.0
61	6	42	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.9	4.9	6.9
61	6	43	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.6	4.6	6.6
61	6	44	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	3.7	4.8	5.6	6.0	6.4	6.8	7.2	7.8
61	6	45	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.8	6.1
61	6	46	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.9	4.9	6.9
61	6	47	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	3.7	4.6	5.2	5.7	6.2	6.6	7.0	7.8
61	6	48	1	1	1	1X	12	13	0	0	0	0	0	0	0	0	0	0	.0	.0	4.0	4.8	5.8	6.1	6.4	6.7	6.9	7.3
61	6	49	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.8	4.8	6.8
61	6	50	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	5.0	7.0
61	6	51	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	5.1	6.1	7.1
61	6	52	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.6	4.3	4.8	5.4	6.8
61	6	53	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	5.0	5.6	6.7
61	6	54	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	3	.0	.0	.0	.0	.0	.0	4.0	4.9	5.9	7.9
61	6	55	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.6	4.3	4.8	6.2
61	6	56	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.2	7.2
61	6	57	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	5.1	6.1	8.1
61	6	58	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	5.0	7.0
61	6	59	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.3
61	6	60	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.2	5.1	6.0	6.9	7.8	10.5
61	6	61	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.1	4.9	5.7	6.6	7.4	8.2	10.7
61	6	62	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.1	5.1	6.1	7.0	8.0	9.0	11.9
61	6	63	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.6	4.2	4.8	5.4	7.1
61	6	64	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	14	14	.0	.0	.0	.0	.0	.0	.0	3.8	4.7	6.7
61	6	65	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.7	4.4	6.0
61	6	66	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.6	4.5	6.5
61	6	67	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	6.4
61	6	68	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.8	6.3
61	6	69	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.7	4.3	4.8	5.4	6.9
61	6	70	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.6	4.3	5.0	6.5
61	6	71	1	1	1	21	21	21	0	3	0	0	0	0	30	0	0	0	18.4	19.1	19.9	20.6	21.1	21.7	22.2	23.0	23.7	25.0
61	6	72	1	1	1	21	20	21	0	0	0	0	0	3	0	0	30	52	16.7	16.8	17.6	18.3	18.9	19.6	20.2	21.1	21.8	23.0
61	6	73	1	1	1	23	23	23	0	0	0	0	0	14	0	0	0	0	12.4	12.6	13.0	13.2	13.3	13.6	13.7	13.9	14.2	14.3
61	6	74	1	1	1	21	22	22	0	3	0	0	0	0	0	0	0	0	14.9	15.5	16.2	16.6	17.2	17.6	17.8	18.0	18.4	18.8
61	6	75	1	1	1	21	22	23	0	0	0	0	0	0	0	0	30	0	19.0	19.6	20.1	20.9	21.5	21.9	22.3	22.6	22.9	23.4
61	6	76	1	1	1	22	22	23	0	0	0	0	0	0	0	0	0	52	15.9	16.4	17.0	17.4	17.8	18.2	18.4	18.7	18.9	19.4
61	6	77	1	1	1	10	11	12	0	33	0	0	0	2	0	0	0	0	6.8	7.4	8.2	9.1	9.5	10.1	10.5	11.1	11.7	12.3
61	6	78	1	1	1	20	21	23	0	0	0	0	0	0	0	0	0	0	20.8	21.6	22.6	23.4	24.1	24.8	25.3	25.8	25.9	26.4
61	6	79	1	1	1	20	21	22	0	0	0	0	0	0	0	0	0	0	19.3	20.1	20.9	21.7	22.4	23.0	23.5	24.3	24.5	25.6
61	6	80	2	2	2	32	34	33	0	9	0	0	0	0	0	0	0	0	25.1	25.6	26.1	26.5	27.0	27.1	27.3	27.4	27.6	27.9
61	6	81	2	2	2	33	34	34	0	0	0	0	0	14	0	0	0	0	15.3	15.6	15.8	16.0	16.4	16.4	16.5	16.7	16.7	16.8
61	6	82	2	2	2	33	33	33	0	65	0	0	0	9	0	0	0	0	13.4	13.6	13.8	14.1	14.3	14.5	14.6	14.8	15.0	15.3
61	6	83	2	2	2	32	32	33	0	0	0	0	0	3	0	0	0	0	22.9	23.2	23.5	23.9	24.2	24.6	24.8	25.1	25.6	25.9
61	6	84	2	2	2	32	32	33	0	0	0	0	0	0	0	0	0	52	34.6	34.9	35.3	35.6	35.8	36.3	36.4	36.8	37.1	37.4
61	6	85	2	2	2	32	33	34	0	0	0	0	0	0	0	0	0	52	19.0	19.3	19.6	19.9	20.1	20.3	20.4	20.6	20.7	20.9
61	6	86	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	5.0	5.7	6.4	8.7
61	6	87	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.6	6.0
61	6	88	2	2	2	43	44	43	0	0	0	0	0	0	0	0	0	3	23.7	23.9	24.0	24.2	24.5	24.7	24.7	24.8	25.0	25.3
61	6	89	2	2	2	43	44	43	0	9	0	0	64	0	0	0	0	0	21.4	21.6	21.9	22.1	22.3	22.3	22.5	22.6	22.8	23.2
61	6	90	2	2	2	32	33	33	0	64	0	0	0	14	0	0	0	0	16.0	16.3	16.5	16.9	17.1	17.2	17.4	17.7	17.9	18.2

61	6	91	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.2
61	6	92	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	5.4	5.7	6.0	6.3	6.6	6.9	7.2	7.5	7.8	8.4
61	6	93	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.6	4.6	6.6
61	6	94	1	1	1	10	10	20	0	0	0	0	0	0	0	64	0	3	5.0	6.5	8.1	9.6	10.9	11.9	12.9	14.2	15.4	17.4
61	6	95	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	4.8	5.4	6.7
61	6	96	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.6	4.3	6.0	7.4
61	6	97	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.6	6.0
61	6	98	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	4.2	5.5	6.7	7.6	8.5	9.0	10.5
61	6	99	1	1	1	10	10	10	0	0	0	0	0	0	0	0	0	0	.0	3.6	5.1	7.5	9.5	11.2	12.5	14.1	15.6	18.7
61	6	100	1	1	1	10	10	10	0	0	0	0	0	0	0	0	0	3	.0	4.1	5.1	6.5	7.5	8.5	9.2	10.1	11.0	12.5
61	6	101	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.7	4.5	5.2	6.6
61	6	102	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	5.0	5.7	6.4	7.9
61	6	103	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	4.6	6.3	7.5	8.6	9.5	10.8	11.9	13.8
61	6	104	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.4	5.4	7.4
61	6	105	1	1	1	1X	10	12	0	0	0	0	0	0	0	0	0	0	.0	.0	3.6	4.4	5.9	7.3	7.8	8.4	8.8	9.4
61	6	106	1	1	1	10	10	20	0	0	0	0	0	0	0	0	0	3	.0	3.9	5.7	7.5	8.6	9.4	10.2	11.1	11.9	13.4
61	6	107	1	1	1	10	11	10	0	0	0	0	0	0	0	0	0	0	.0	4.2	5.3	6.6	7.4	8.4	8.9	9.2	10.2	11.5
61	6	108	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	.0	3.7	4.5	5.7	6.4	7.0	7.6	7.9	8.4	9.1
61	6	109	1	1	1	1X	13	12	0	0	0	0	0	0	0	0	0	33	.0	.0	4.2	5.4	5.4	5.5	5.5	5.9	6.3	6.7
61	6	110	1	1	1	12	12	13	0	0	0	0	0	0	0	0	0	0	4.6	4.9	5.2	5.5	5.7	6.0	6.3	6.5	6.7	7.0
61	6	111	1	1	1	10	10	11	0	0	0	0	0	0	0	0	0	3	3.8	4.8	5.9	7.0	7.8	8.6	9.3	10.1	10.2	11.9
61	6	112	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	3	.0	3.8	5.0	6.2	7.2	7.9	8.5	9.2	9.9	10.6
61	6	113	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	5.0	6.0	8.0
61	6	114	2	2	2	32	33	33	0	64	52	0	0	3	0	0	0	0	31.0	31.3	31.6	31.9	32.1	32.5	32.6	32.8	33.0	33.4
61	6	115	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	4.7	6.0
61	6	116	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.1
61	6	117	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	.0	4.1	4.8	6.1	6.9	7.7	8.0	8.6	9.2	10.0
61	6	118	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	.0	4.1	5.0	6.4	7.2	7.7	8.2	8.7	9.2	9.9
61	6	119	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	52	4.4	5.5	6.6	7.8	8.7	9.4	10.0	10.6	11.2	12.4
61	6	120	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.8	4.8	6.8
61	6	121	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	4.7	5.2	6.0	7.3
61	6	122	1	1	1	10	10	21	0	0	0	0	0	0	0	0	0	0	.0	4.6	6.4	8.0	9.3	10.4	11.2	12.3	13.1	14.4
61	6	123	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	5.1	5.4	5.8	6.1	6.5	6.8	7.2	7.5	7.9	8.6
61	6	124	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	3.7	4.8	6.2	7.3	8.0	8.8	9.5	10.3
61	6	125	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	3	.0	.0	.0	.0	.0	.0	.0	3.6	4.6	6.6
61	6	126	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.4
61	6	127	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	0	.0	4.1	4.6	5.1	5.6	6.1	6.6	7.1	7.6	8.6
61	6	128	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	0	4.1	4.7	5.3	5.9	6.5	7.1	7.7	8.3	8.9	10.1
61	6	129	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.6	7.6
61	6	130	1	1	1	22	22	23	0	0	0	0	0	0	0	0	0	0	18.0	18.5	19.0	19.5	19.9	20.6	20.9	21.3	21.6	22.0
61	6	131	1	1	1	11	22	22	0	0	0	0	0	0	0	0	0	0	10.2	10.6	11.3	12.1	12.7	13.1	13.5	14.0	14.4	15.0
61	6	132	1	1	1	22	22	23	0	0	0	0	0	0	0	0	30	0	16.9	17.4	17.9	18.4	18.8	19.3	19.5	19.7	20.0	20.4
61	6	133	1	1	1	22	22	22	0	0	0	0	0	0	0	0	0	0	16.8	17.3	17.7	18.4	18.7	19.1	19.3	19.8	20.2	20.7
61	6	134	1	1	1	24	22	22	0	0	0	0	0	0	0	0	0	0	17.4	17.5	17.6	17.8	17.8	17.8	18.0	18.6	19.0	20.0
61	6	135	1	1	1	12	12	11	0	0	0	0	0	0	0	0	0	4	7.9	8.3	8.5	8.8	9.5	9.9	10.4	10.9	11.3	12.4
61	6	136	1	1	1	22	22	21	0	0	0	0	0	0	0	0	0	0	15.5	15.8	15.9	16.4	16.6	16.9	17.3	17.9	18.4	19.5
61	6	137	1	1	1	24	23	22	0	3	0	0	0	0	0	0	0	32	13.0	13.1	13.1	13.4	13.5	13.5	13.7	14.1	14.5	15.1
61	6	138	1	1	1	21	21	21	0	0	0	0	0	0	0	0	0	0	17.1	17.7	18.2	18.9	19.4	19.9	20.3	20.9	21.4	22.5
61	6	139	1	1	1	21	22	22	0	0	0	0	0	0	30	0	0	30	17.1	17.6	18.1	18.7	19.1	19.9	19.9	20.1	20.6	21.0
61	6	140	1	1	1	12	13	12	0	0	0	0	0	0	0	0	0	4	6.1	6.4	6.6	6.8	7.2	7.3	7.5	7.8	8.2	8.6
61	6	141	1	1	1	21	22	22	0	0	0	0	0	0	0	0	30	0	14.4	15.0	15.5	16.3	16.8	17.2	17.5	17.8	18.1	18.6
61	6	142	1	1	1	22	23	22	0	0	0	0	0	0	0	0	0	3	12.6	13.0	13.3	13.6	14.2	14.5	14.7	14.9	15.2	15.7
61	6	143	1	1	1	13	14	13	0	0	0	0	0	9	33	0	33	4	5.5	5.7	5.9	6.1	6.3	6.5	6.5	6.5	6.8	7.1
61	6	144	1	1	1	21	21	22	0	0	0	0	0	0	0	0	30	31	22.1	22.8	23.6	24.3	24.8	25.6	26.0	26.4	26.8	27.3
61	6	145	1	1	1	21	22	22	0	0	0	0	0	0	0	0	0	3	18.2	18.9	19.6	20.2	20.9	21.2	21.7	22.0	22.4	23.2
61	6	146	1	1	1	22	23	23	0	0	9	0	0	0	0	0	0	0	14.0	14.4	14.7	15.5	15.6	15.7	15.8	16.1	16.4	16.9
61	6	147	1	1	1	23	24	24	0	0	0	0	0	0	0	0	0	3	21.1	21.3	21.6	21.9	22.0	22.1	22.2	22.2	22.2	22.5
61	6	148	1	1	1	21	22	22	0	0	0	0	0	0	0	0	0	3	11.8	12.3	12.8	13.5	13.9	14.3	14.5	14.9	15.4	16.1
61	6	149	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.1	4.7	5.3	5.9	6.5	7.1	7.7	8.9
61	6	150	1	1	1	21	22	22	0	0	0	0	0	0	30	0	0	0	20.5	21.0	21.6	22.2	22.5	23.1	23.1	23.8	23.9	24.6
61	6	151	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	2	.0	.0	.0	.0	.0	.0	.0	3.9	4.7	6.7
61	6	152	1	1	1	1X	11	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.2	4.7	5.3	6.0	6.7	8.1
61	6	153	1	1	1	21	22	20	0	0	0	0	0	0	30	0	0	14	17.0	17.5	17.9	18.6	19.0	19.4	19.8	20.1	22.1	24.1
61	6	154	1	1	1	22	22	23	0	0	0	0	0	0	30	0	0	0	17.7	18.1	18.6	19.0	19.3	19.8	19.9	20.2	20.5	20.9
61	6	155	1	1	1	21	22	22	0	0	0	0	0	0	0	0	0	0	16.7	17.3	17.9	18.5	19.0	19.4	19.8	20.2	20.6	21.0
61	6	156	1	1	2	24	24	34	0	0	4	0	0	0	30	0	30	0	13.6	13.8	14.0	14.1	14.2	14.2	14.3	14.3	14.3	14.5
61	6	157	1	1	1	22	22	22	0	0	0	0	0	0	0	0	0	0	20.2	20.6	21.0	21.6	21.8	22.3	22.6	22.8	23.1	23.6
61	6	158	1	1	1	21	21	22	0	0	0	0	0	0	0	0	30	0	21.6	22.3	23.2	23.8	24.4	25.1	25.4	25.9	26.5	27.1
61	6	159	1	1	1	21	22	22	0	0	0	0	0	0	0	0	30	0	17.8	18.5	19.2	19.9	20.5	21.0	21.4	21.8	22.2	23.0
61	6	160	1	1	1	21	22	34	0	0	0	0	0	0	30	0	30	30	23.2	23.9	24.6	25.2	25.9	26.4	26.8	27.1	27.3	27.5
61	6	161	2	2	2	32	32	32	0	0	0	0	0	0	0	0	0	41	20.1	20.6	21.0	21.6	22.0	22.5	22.9	23.3	23.7	24.4
61	6	162	1	1	1	22	24	34	0	3	9	0	32	0	30	0	0	0	18.7	19.0	19.4	19.7	20.0	20.2	20.3	20.4	20.5	20.6
61	6	163	1	1	1	22	23	23	0	0	0	0	0	3	0	0	0	0	17.0	17.4	17.8	18.3	18.6	18.9	19.1	19.2	19.4	19.6
61	6	164	1	1	1	21	22	22	0	0	0	0	0	0	0	0	0	0	21.1	21.7	22.3	23.0	23.6	24.2	24.5	25.0	25.4	25.9
61	6	165	1	1	1	22	24	24	0	0	0	0	0	0	30	0	0	0	16.6	17.0	17.6	17.8	18.1	18.2	18.4	18.4	18.5	18.6
61	6	166	1	1	1	21	23	23	0	3	0	0	0	0	0	0	0	52	16.0	16.6	17.4	18.0	18.5	18.7	19.0	19.2	19.5	19.9
61	6	167	1	1	1	23	24	23	0	65	0	0	0	0	30	0	0	0	12.4	12.6	12.8	12.9	13.1	13.1	13.3	13.4	13.6	13.8
61	6	168	1	1	1	21	22	22	0	0	0	0	0	0	30	0	0	3	17.5	18.1	18.8	19.3	19.8	20.2	20.5	20.8	21.1	21.6
61	6	169	1	1	1	22	22	22	0	0	0	0	0	0	0	0	30	0	14.3	14.8	15.3	15.9	16.2	16.4	16.7	17.2	17.7	18.3
61	6	170	1	1	1	20	22	22	0	0	0	0	0	0	30	0	30	30	12.4	13.1	13.9	14.7	15.3	15.8	16.2	16.5	16.9	17.6
61	6	171	1	1	1	21	22	22	0	0	0	0	0	0	30	0	30	52	18.6	19.3	19.8	20.4	21.2	21.5	22.0	22.4	23.0	23.7
61	6	172	1	1	1	20	21	22	0	0	0	0	0	0	30	0	30	52	18.8	19.6	20.4	21.2	21.9	22.6	23.2	23.9	24.4	25.3
61	6	173	1	1	1	1X	10	11	0	0	0	0	0	33	0	0	0	0	.0	.0	.0	4.8	6.2	7.2	7.7	8.5	9.3	10.5
61	6	174	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	5.0	5.9	7.2
61	6	175	1	1	1	1X	1X	1X	0	0	0	0	0	0	92	0	0	0	.0	.0	.0	.0	5.8	6.9	7.1	.0	.0	.0
61	6	176	2	2	2	43	44	44	0	64	52	0	0	0	31	0	0	0	35.8	36.1	36.4	36.7	36.9	37.0	37.0	37.0	37.1	37.2
61	6	177	1	1	1	11	10	11	0	0	0	0	0	0	0	0	0	0	.0	4.1	4.8	5.5	6.2	6.9	7.6	8.3	9.0	10.4
61	6	178	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	.0	4.3	5.0	6.5
61	6	179	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.8	4.5	5.2	6.8
61	6	180	1	1	1	1X	1X	1X	0	0	0	95	0	0	0	0	0	0	8.2	8.2	8.4	8.4	.0	.0	.0	.0	.0	.0
61	6	181	2	2	2	4X	4X	4X	0	64	91	0	0	0	0	0	0	0	29.2	29.2	29.2	.0	.0	.0	.0	.0	.0	.0
61	6	182	2	2	2	34	34	34	0	0	0	0	0	0	0	0	0	92	27.3	27.5	27.8	27.9	27.9	27.9	27.9	27.9	27.9	27.9
61	6	183	2	2	2	34	3X	3X	0	65	52	0	90	0	0	0	0	0	31.5	31.6	31.6	31.7	31.7	.0	.0	.0	.0	.0
61	6	184	2	2	2	44	4X	4X	0	65	60	0	52	90	0	0	0	0	37.3	37.5	37.8	37.8	37.9	37.9	.0	.0	.0	.0
61	6	185	2	2	2	43	4X	4X	0	66	0	52	92	0	0	0	0	0	23.8	24.1	24.5	24.6	24.6	.0	.0	.0	.0	.0
61	6	186	1	1	1	20	2X	2X	0	0	0	0	0	0	97	0	0	0	15.8	16.8	17.8	18.9	19.8	20.8	20.8	.0	.0	.0

TABLE 1.7:

PLOT NO.	SUB PLOT NO.	TREE NO.	AGE CLASS 20	40	60	AGE-VIGOR I	II	III	TREE CONDITION CODE 1920	25	30	35	40	45	50	55	60	70	D.B.H. (INCHES) 1920	25	30	35	40	45	50	55	60	70
61	7	1	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	5.3	6.4	7.8
61	7	2	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	3.6	5.1	5.8	6.5	7.2	7.8	8.3	9.5
61	7	3	1	1	1	10	11	13	0	0	0	0	0	0	33	0	0	0	3.6	4.0	4.6	5.3	6.1	6.9	7.6	8.2	8.6	8.9
61	7	4	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	.0	3.9	4.6	5.7	6.2	7.0	7.6	8.0	8.5	9.3
61	7	5	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	5.0	6.0	6.6
61	7	6	1	1	1	10	11	10	0	33	0	0	0	0	0	0	0	0	4.1	5.2	6.7	7.7	8.5	9.2	9.8	10.4	11.2	13.7
61	7	7	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	4.9	5.3	5.7	6.1	6.5	6.9	7.3	7.7	8.2	8.9
61	7	8	1	1	1	1X	1X	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	5.0	5.6	6.2
61	7	9	1	1	1	1X	12	11	0	0	0	0	0	0	0	0	11	11	.0	.0	3.6	4.5	5.1	5.7	5.9	6.2	6.7	7.9
61	7	10	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.6	4.4	5.4	6.4
61	7	11	1	1	1	1X	1X	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	5.0	5.9	6.5	7.0
61	7	12	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.5	4.9	6.9
61	7	13	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	35	9	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.1
61	7	14	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.6	4.3	6.3
61	7	15	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	5.1	7.1
61	7	16	1	1	1	10	10	20	0	0	0	0	0	0	0	0	0	0	.0	3.6	5.2	7.3	8.8	9.9	10.8	11.7	12.5	13.8
61	7	17	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.6	4.3	6.3
61	7	18	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.0
61	7	19	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	3	.0	.0	.0	.0	.0	.0	4.0	5.0	6.0	8.0
61	7	20	2	2	2	31	32	32	0	0	0	0	0	0	0	0	0	0	19.4	20.0	20.6	21.3	21.8	22.4	22.6	22.9	23.3	23.9
61	7	21	2	2	2	43	42	43	0	0	52	0	0	0	31	0	0	0	31.9	32.1	32.1	32.6	32.9	33.2	33.5	33.7	34.0	34.4
61	7	22	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.6	4.5	6.5
61	7	23	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	3.6	4.5	5.5	7.5
61	7	24	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	5.0	7.0
61	7	25	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.9	4.9	6.9
61	7	26	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.2	7.2
61	7	27	2	2	2	42	44	43	30	30	30	30	62	30	30	30	30	30	25.0	25.4	25.9	26.3	26.6	26.8	26.8	26.9	27.1	27.5
61	7	28	2	2	2	42	43	43	30	64	30	30	60	30	30	30	30	30	28.4	28.7	29.1	29.5	29.7	30.0	30.1	30.3	30.5	31.0
61	7	29	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.2
61	7	30	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.0
61	7	31	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.8	6.8
61	7	32	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.8	6.8
61	7	33	1	1	1	20	22	23	0	0	0	0	0	0	0	0	0	0	17.5	18.2	19.2	19.8	20.4	20.9	21.2	21.7	21.9	22.4
61	7	34	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.4	6.4
61	7	35	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.5	6.5
61	7	36	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	9	9	.0	.0	.0	.0	.0	.0	.0	4.0	4.2	6.2
61	7	37	1	1	1	10	12	14	0	0	0	0	0	0	33	33	35	9	4.8	5.8	7.2	8.1	8.8	9.4	9.6	10.0	10.0	10.3
61	7	38	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	0	4.8	5.5	6.6	7.2	7.7	8.2	8.6	9.1	9.4	10.2
61	7	39	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	52	4.0	4.9	6.1	7.0	7.7	8.0	8.3	8.7	9.2	9.8
61	7	40	1	1	1	10	12	12	0	0	0	0	0	0	33	33	0	0	5.1	6.4	8.0	9.5	10.2	10.6	11.1	11.5	11.9	12.5
61	7	41	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	5.0	6.0	8.0
61	7	42	1	1	1	1X	1X	12	0	0	0	0	0	0	0	0	0	0	.0	.0	3.6	4.1	4.3	4.6	4.6	4.7	4.8	6.0
61	7	43	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.8	6.8
61	7	44	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.9	6.9
61	7	45	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	5.0	6.0	7.0	9.0
61	7	46	1	1	5	1X	1X	14	0	0	0	0	0	4	5	11	7	0	.0	.0	.0	.0	.0	.0	.0	10.0	10.0	10.0
61	7	47	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	5.1	6.1	8.1
61	7	48	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	5.5	6.5	8.5
61	7	49	2	2	2	42	43	43	30	60	52	30	30	30	30	0	30	30	24.6	24.9	25.3	25.6	25.7	26.0	26.1	26.2	26.4	26.6
61	7	50	2	2	2	34	34	3X	0	64	52	0	0	0	30	90	0	0	22.6	22.7	22.9	22.9	22.9	22.9	22.9	22.9	.0	.0
61	7	51	2	2	2	33	34	34	30	31	31	31	30	64	30	30	30	32	23.2	23.4	23.8	24.0	24.1	24.3	24.4	24.5	24.7	24.7
61	7	52	2	2	2	42	43	43	32	32	32	32	32	32	32	32	31	31	26.0	26.3	26.8	27.0	27.3	27.5	27.7	27.9	28.0	28.3
61	7	53	2	2	2	32	33	32	30	14	31	31	31	32	31	31	30	0	18.3	18.7	19.1	19.4	19.8	20.2	20.3	20.5	20.9	21.5
61	7	54	2	2	2	43	44	44	31	9	32	32	31	31	31	31	32	98	22.9	23.1	23.3	23.5	23.6	23.6	23.6	23.6	23.6	23.6
61	7	55	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.3	4.9	5.5	6.1	6.7	7.3	7.9	9.1
61	7	56	1	1	1	1X	1X	10	0	0	0	0	0	0	30	33	33	33	.0	.0	.0	.0	.0	.0	4.0	4.5	4.9	6.9
61	7	57	2	2	2	43	44	44	0	52	60	0	0	0	0	0	0	0	30.1	30.3	30.5	30.7	30.9	31.0	31.0	31.1	31.3	31.4
61	7	58	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	3.7	5.2	5.9	6.7	6.7	8.4	9.2	10.2
61	7	59	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	4.5	4.9	5.3	5.7	6.1	6.5	6.9	7.3	7.7	8.5
61	7	60	1	1	1	1X	10	12	0	0	0	0	0	0	0	0	0	0	.0	.0	4.0	5.3	6.2	7.1	7.9	8.4	8.8	9.8
61	7	61	1	1	1	13	13	13	0	0	0	0	0	0	0	0	0	0	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.8	8.0	8.4
61	7	62	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	5.3	6.3	8.3
61	7	63	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.2	7.2
61	7	64	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.8	6.8
61	7	65	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	3	3.6	4.4	5.5	6.5	7.3	8.1	8.9	9.4	10.1	11.2
61	7	66	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.8	6.8
61	7	67	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	5.1	6.1	8.1
61	7	68	1	1	1	11	11	12	0	33	0	0	0	0	0	0	0	0	4.6	5.3	6.1	6.7	7.4	8.1	8.7	9.2	9.6	10.2
61	7	69	1	1	1	10	12	12	0	9	33	0	0	0	0	0	0	0	5.9	6.9	8.0	8.8	9.8	10.1	10.6	10.7	11.3	11.5
61	7	70	1	1	1	1X	12	10	0	0	0	0	0	0	0	0	0	0	.0	.0	3.8	4.7	5.3	5.8	6.2	6.6	11.3	11.5
61	7	71	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	0	.0	4.1	4.6	5.4	5.9	6.3	6.7	7.1	7.4	8.0
61	7	72	1	1	1	1X	1X	11	0	0	0	0	0	0	0	33	33	34	.0	.0	.0	.0	.0	.0	4.0	5.5	6.5	7.5
61	7	73	1	1	1	10	10	21	0	0	0	0	0	0	0	0	0	3	6.7	7.7	9.1	10.1	10.6	11.5	12.0	12.8	13.5	14.3
61	7	74	1	1	1	10	11	21	0	0	0	0	0	0	0	0	0	0	7.0	8.1	9.5	10.7	11.3	12.1	12.6	13.4	14.2	15.0
61	7	75	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	0	4.0	4.9	6.1	7.0	7.7	8.4	9.0	9.7	10.3	11.2
61	7	76	1	1	1	1X	1X	10	0	0	0	0	0	0	0	33	33	34	.0	.0	.0	.0	.0	.0	.0	4.0	4.6	6.6
61	7	77	1	1	1	1X	10	12	0	0	0	0	0	0	0	0	0	0	.0	.0	3.6	4.7	5.7	6.4	7.1	7.8	8.4	9.2
61	7	78	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	0	.0	4.0	5.2	6.4	7.3	7.9	8.6	9.3	10.0	11.2
61	7	79	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.4	6.4
61	7	80	1	1	1	10	10	12	0	0	0	0	0	0	0	0	0	0	.0	3.9	4.8	5.9	6.7	7.5	8.0	8.8	9.4	10.0
61	7	81	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.8	5.8	7.8
61	7	82	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.7	6.7
61	7	83	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.8	6.8
61	7	84	2	2	2	33	34	34	0	0	52	0	0	0	62	0	0	0	31.1	31.3	31.6	31.8	31.9	31.9	31.9	32.0	32.1	32.2
61	7	85	1	1	1	10	20	21	0	33	0	0	0	0	0	0	0	3	9.1	10.0	10.9	11.8	12.6	13.4	14.0	14.8	15.6	16.6
61	7	86	1	1	1	11	12	12	0	35	11	0	0	0	0	0	0	0	5.3	6.0	7.0	7.4	8.0	8.2	8.4	8.8	9.1	9.8
61	7	87	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	5.3	6.3	8.3
61	7	88	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.6	5.6	7.6
61	7	89	1	1	1	1X	13	12	0	0	0	0	0	0	0	0	3	3	.0	.0	3.7	4.1	4.4	4.8	4.8	5.0	5.3	6.3
61	7	90	1	1	1	11	12	13	0	33	2	0	0	11	0	0	0	0	5.0	5.5	6.2	6.7	7.2	7.6	7.9	8.3	8.5	8.9

61	7	91	1	1	1	10	11	22	0	0	0	0	0	0	0	0	0	3	7.3	8.1	9.2	9.8	10.5	10.9	11.5	12.1	12.8	13.5
61	7	92	1	1	1	11	10	14	0	0	0	0	0	0	0	0	0	14	4.9	5.5	6.1	6.7	7.3	7.7	7.9	12.1	8.8	9.4
61	7	93	1	1	1	11	12	13	0	0	0	0	0	0	0	0	0	9	4.8	5.4	6.1	6.7	7.3	7.7	8.1	8.5	8.7	9.1
61	7	94	1	1	1	11	12	13	0	0	0	0	0	0	0	0	0	0	5.8	6.3	7.0	7.4	7.8	8.1	8.3	8.7	9.0	9.3
61	7	95	1	1	1	12	13	13	0	0	0	0	0	0	0	0	0	0	7.7	8.1	8.5	8.9	9.2	9.4	9.7	9.9	10.2	10.6
61	7	96	1	1	1	12	12	12	0	33	0	0	0	0	0	0	0	14	6.4	6.7	7.1	7.5	7.7	8.0	8.2	8.6	8.9	9.6
61	7	97	1	1	1	11	12	13	0	52	0	0	0	0	0	0	0	3	7.1	7.7	8.6	9.1	9.5	10.1	10.2	10.6	11.0	11.1
61	7	98	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	5.1	6.1	7.3	8.1	9.0	9.5	10.0	10.7	11.3	12.1
61	7	99	1	1	1	11	13	13	0	0	0	0	0	14	14	14	14	52	3.6	4.4	5.2	5.7	6.2	6.6	6.8	6.9	7.1	7.4
61	7	100	1	1	1	10	12	13	0	0	0	0	0	0	0	0	0	0	4.7	5.4	6.3	7.0	7.5	7.9	8.1	8.4	8.7	9.0
61	7	101	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	0	4.4	5.0	5.6	6.0	7.0	7.3	7.6	7.9	8.2	8.8
61	7	102	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	0	4.0	4.8	5.5	6.2	6.6	7.0	7.4	7.8	8.0	8.6
61	7	103	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.9	6.1
61	7	104	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.1
61	7	105	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	3.7	4.5	5.4	6.2	6.9	7.5	8.0	8.6	9.1	10.0
61	7	106	2	2	2	34	34	34	0	0	52	0	0	0	0	0	0	0	36.0	36.1	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4
61	7	107	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	0	5.0	5.6	6.2	7.0	7.5	7.8	8.1	8.6	9.1	9.5
61	7	108	1	1	1	11	12	13	0	0	0	0	0	0	0	0	0	0	6.3	6.8	7.4	7.8	8.4	8.6	8.9	9.3	9.5	9.9
61	7	109	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	0	6.1	6.8	7.8	8.4	9.0	9.3	9.7	10.1	10.5	11.0
61	7	110	1	1	1	10	10	22	0	0	0	0	0	0	0	0	0	0	5.1	6.1	7.4	8.1	9.0	9.6	10.6	11.3	11.6	12.2
61	7	111	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	.0	4.2	5.5	6.2	7.0	7.6	8.1	8.5	8.9	9.8
61	7	112	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.8	5.8	7.8
61	7	113	1	1	1	12	14	12	0	0	0	0	0	0	0	0	0	14	.0	4.0	4.5	5.0	5.3	5.4	5.4	5.6	5.8	6.6
61	7	114	1	1	1	11	13	14	0	0	34	0	0	0	0	0	0	0	.0	3.6	4.2	4.8	5.2	5.5	5.6	5.8	5.9	6.1
61	7	115	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	20	4.7	5.8	7.2	8.3	9.1	9.6	10.0	10.7	11.1	12.0
61	7	116	1	1	1	1X	13	13	0	0	0	0	0	0	0	0	0	52	.0	.0	4.1	4.8	5.2	5.5	5.7	5.9	6.1	6.6
61	7	117	1	1	1	10	11	22	0	0	0	0	0	0	0	0	0	0	6.4	7.4	8.5	9.7	10.5	11.2	11.6	12.3	12.9	13.5
61	7	118	1	1	1	10	10	21	0	0	0	0	0	0	0	0	0	3	3.7	5.1	6.8	8.7	9.2	10.3	11.0	11.7	12.4	13.5
61	7	119	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	.0	3.9	5.1	6.3	7.0	7.7	8.2	8.8	9.3	9.8
61	7	120	1	1	1	11	12	14	0	0	0	0	0	0	0	0	0	0	5.4	6.0	7.2	7.8	7.9	8.4	8.5	8.7	8.8	8.9
61	7	121	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	14	.0	3.6	4.4	5.4	5.9	6.3	6.6	6.9	7.2	7.9
61	7	122	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	3.6	4.4	4.9	5.5	5.8	6.1	6.4	7.1
61	7	123	1	1	1	10	11	13	0	0	0	0	0	0	0	0	0	0	4.0	4.8	5.9	6.7	7.4	8.0	8.5	8.9	9.2	9.4
61	7	124	1	1	1	1X	13	12	0	0	0	0	0	0	0	0	0	9	.0	.0	3.7	4.4	4.8	5.2	5.2	5.5	5.9	6.3
61	7	125	1	1	1	11	11	12	0	0	0	0	0	0	0	0	0	0	3.6	4.0	4.7	5.3	6.0	6.5	6.8	7.5	7.8	8.5
61	7	126	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	0	3.6	4.3	5.0	5.9	6.4	7.0	7.6	7.8	8.4	9.0
61	7	127	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	0	6.2	7.0	7.8	8.9	9.5	10.2	10.8	11.4	12.0	12.9
61	7	128	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	3.8	4.9	5.5	5.8	6.3	6.9	7.7	8.1
61	7	129	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	0	.0	3.7	5.0	6.3	7.5	7.7	8.3	8.6	9.1	9.5
61	7	130	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	3.9	4.8	5.2	5.6	5.9	6.2	6.6	7.3
61	7	131	1	1	1	10	13	13	0	0	0	0	0	0	0	0	0	0	.0	4.3	5.6	6.9	7.6	7.9	8.1	8.4	8.6	9.0
61	7	132	1	1	1	10	12	22	0	0	0	0	0	0	0	0	0	0	6.3	7.3	8.8	9.8	10.3	10.8	11.2	11.7	12.2	13.0
61	7	133	1	1	1	10	11	22	0	0	0	0	0	0	0	0	0	0	7.7	8.6	9.8	10.6	11.2	11.7	12.2	12.9	13.4	14.0
61	7	134	1	1	1	10	10	22	0	0	0	0	0	0	0	0	0	0	7.0	7.8	9.0	10.0	10.2	11.3	11.7	12.3	12.7	13.2
61	7	135	1	1	1	10	12	13	0	0	0	0	0	0	0	0	0	0	3.8	4.6	5.4	6.4	6.8	7.1	7.5	7.7	7.9	8.3
61	7	136	1	1	1	10	11	22	0	0	0	0	0	0	0	0	0	0	8.0	8.9	10.2	10.9	11.5	12.0	12.5	13.0	13.6	14.2
61	7	137	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	3	3	.0	.0	.0	.0	.0	.0	.0	4.0	5.0	7.0
61	7	138	2	2	2	43	44	44	0	0	0	0	30	0	31	0	0	0	29.2	29.4	29.7	29.8	30.0	30.2	30.3	30.4	30.6	30.7
61	7	139	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.0
61	7	140	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.0
61	7	141	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.0
61	7	142	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	33	.0	.0	4.0	4.9	.0	.0	4.0	4.9	5.9	7.9
61	7	143	1	1	1	10	10	21	0	0	0	0	0	0	0	0	0	0	3.6	5.1	7.1	8.8	10.1	11.0	11.7	12.6	13.2	14.4
61	7	144	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	34	.0	.0	.0	4.0	.0	.0	.0	4.0	4.5	6.5
61	7	145	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	4.6	5.1	5.5	6.0	6.4	6.9	7.3	7.8	8.3	8.7
61	7	146	1	1	1	10	22	23	0	0	0	0	0	0	31	0	34	3	8.6	9.6	10.9	11.7	12.5	13.0	13.3	13.7	14.0	14.3
61	7	147	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	3.6	4.4	5.2	5.8	6.7	7.6	8.6	10.4
61	7	148	1	1	1	1X	12	12	0	0	33	0	0	0	0	0	0	3	.0	.0	4.3	4.9	5.4	5.9	6.2	6.5	6.9	7.6
61	7	149	1	1	1	10	21	22	0	0	0	0	0	0	0	0	0	0	8.4	9.5	11.1	11.8	12.8	13.3	13.8	14.4	14.8	15.7
61	7	150	1	1	1	10	10	11	0	0	0	0	0	0	0	0	0	0	.0	3.6	4.3	4.9	7.8	8.7	9.7	10.5	11.2	12.4
61	7	151	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.9	5.9	7.9
61	7	152	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.7	5.7	7.7
61	7	153	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	.0	3.6	4.8	6.5	7.7	8.3	8.8	9.4	9.9	10.6
61	7	154	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	1	.0	.0	.0	.0	.0	.0	3.6	4.4	5.4	7.4
61	7	155	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.7	6.7
61	7	156	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	3.5	4.8	6.6	7.9	8.8	9.4	9.9	10.5	11.0	11.9
61	7	157	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	3.5	4.8	6.4	7.7	8.6	9.3	9.6	10.1	10.6	11.4
61	7	158	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	21	21	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.5
61	7	159	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	33	34	.0	.0	.0	.0	.0	.0	3.6	4.5	5.5	7.5
61	7	160	1	1	1	10	12	13	0	0	0	0	0	0	0	0	0	0	5.9	6.8	8.0	9.0	9.6	10.1	10.5	11.0	11.3	11.7
61	7	161	1	1	1	11	10	11	0	0	0	0	0	0	0	0	0	0	.0	3.6	4.5	5.4	5.6	6.3	7.2	8.1	9.0	9.9
61	7	162	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.8	5.3	7.3
61	7	163	1	1	1	1X	13	13	0	0	0	0	0	0	0	0	0	0	.0	.0	3.8	4.6	4.9	5.0	5.2	5.5	5.8	6.1
61	7	164	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.8	5.6	7.6
61	7	165	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.9	6.9
61	7	166	1	1	1	10	10	11	0	0	0	0	0	0	0	0	0	0	3.6	4.0	4.7	6.2	6.2	7.0	7.8	8.6	9.4	10.2
61	7	167	1	1	1	1X	10	12	0	0	0	0	0	0	0	0	0	3	.0	.0	3.9	5.2	5.2	5.9	6.6	7.3	8.0	8.7
61	7	168	1	1	1	10	13	13	0	0	0	0	0	0	0	0	30	0	.0	4.0	4.7	5.7	6.1	6.6	6.6	6.7	6.8	7.1
61	7	169	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	33	53	.0	.0	.0	.0	.0	.0	4.0	4.7	5.7	7.7
61	7	170	1	1	1	10	10	11	0	0	0	0	0	0	0	0	0	0	.0	3.6	4.5	5.0	6.0	6.6	7.4	8.1	8.7	9.7
61	7	171	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.1
61	7	172	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	2	.0	.0	.0	.0	.0	.0	4.0	5.1	6.1	8.1
61	7	173	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	20	.0	.0	4.0	4.8	5.6	6.4	7.2	8.0	8.7	9.6
61	7	174	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	20	20	.0	.0	.0	.0	.0	.0	4.0	5.1	6.1	8.1
61	7	175	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.6	4.6	5.6	7.6
61	7	176	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	3.7	5.2	5.6	6.5	7.4	8.4	9.3	10.4
61	7	177	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	3	.0	.0	.0	.0	.0	.0	3.6	4.5	5.5	7.7
61	7	178	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.0
61	7	179	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	0	3.7	4.6	5.8	6.5	7.3	7.6	7.8	8.2	8.5	9.0
61	7	180	1	1	1	10	21	21	0	0	0	0	0	0	0	0	0	0	9.1	10.3	11.9	13.0	14.0	14.6	15.2	15.9	16.5	17.6
61	7	181	1	1	1	11	13	13	0	0	0	0	0	0	0	0	0	0	.0	3.7	4.6	5.2	5.7	6.0	6.2	6.4	6.6	6.9
61	7	182	1	1	1	10	21	22	0	0	0	0	0	0	0	0	0	0	9.5	10.5	11.8	12.6	13.4	14.0	14.4	14.9	15.3	16.2
61	7	183	1	1	1	10	22	22	0	0	0	0	0	0	31	0	0	0	10.5	11.3	12.3	12.9	13.6	13.8	14.2	14.8	15.3	15.9
61	7	184	1	1	1	12	13	12	0	0	0	0	0	0	0	0	0	0	7.2	7.6	8.1	8.5	8.9	9.2	9.5	9.6	9.9	10.5
61	7	185	1	1	1	10	21	22	0	0	0	0	0	0	0	0	0	0	9.2	10.1	11.3	12.2	12.8	13.5	14.0	14.5	15.1	15.8
61	7	186	1	1	1	20	21	22	0	0	0	0	0	0	0	0	0	0	11.2	12.1	13.2	14.1	14.8	15.2	15.7	16.3	16.9	17.6
61	7	187	1	1	1	10	11	11	0	0	0	0	0	0	31	0	0	0	4.7	5.6	6.7	7.5	8.3	9.0	9.6	10.1	10.8	11.6
61	7	188	1	1	1	11	12	13	0	0	0	0	0	14	0	0	0	0	5.9	6.5	7.3	7.8	8.4	8.7	9.0	9.4	9.7	10.1
61	7	189	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	3	5.6	6.4	7.5	8.1	8.8	9.1	9.4	9.7	10.1	10.5
61	7	190	1	1	1	11	13	13	0	0	0	0	0	0	0	0	0	3	6.4	7.1	8.0	8.4	9.1	9.3	9.5	9.7	10.0	10.2

61	7	191	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.2
61	7	192	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.0
61	7	193	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.9	6.9
61	7	194	1	1	1	10	13	14	0	0	0	0	0	0	0	0	0	0	6.9	7.7	8.9	9.5	10.1	10.2	10.5	10.8	10.9	11.1
61	7	195	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	3	.0	4.1	4.9	5.4	5.8	6.3	6.5	6.7	7.0	7.5
61	7	196	1	1	1	11	13	12	0	0	0	0	0	0	0	0	0	0	3.6	4.8	5.6	6.4	6.6	6.9	7.2	7.4	7.7	8.2
61	7	197	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	4.3	4.7	5.2	5.6	5.9	6.2	6.5	7.0
61	7	198	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	33	.0	.0	3.7	4.5	5.0	5.5	5.8	6.1	6.5	7.2
61	7	199	1	1	1	10	11	21	0	0	0	0	0	0	0	0	0	0	6.2	7.1	8.2	9.0	9.8	10.4	11.0	11.5	12.1	13.0
61	7	200	1	1	1	12	13	13	0	0	0	0	0	0	0	0	0	3	5.0	5.6	6.0	6.5	6.8	7.1	7.4	7.5	7.7	8.0
61	7	201	1	1	1	10	12	22	0	0	0	0	0	0	0	0	0	0	8.1	8.9	9.9	10.5	11.2	11.6	11.9	12.4	13.0	13.5
61	7	202	1	1	1	10	12	12	0	14	0	0	0	0	0	0	0	0	4.7	5.5	6.3	7.1	7.8	8.2	8.5	9.0	9.3	9.8
61	7	203	1	1	1	1X	1X	10	0	0	0	0	0	0	0	30	3	3	.0	.0	.0	.0	.0	.0	4.1	5.2	6.1	7.9
61	7	204	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	5.0	6.1	8.1
61	7	205	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	11	.0	.0	.0	.0	.0	.0	.0	3.6	4.2	6.2
61	7	206	1	1	1	10	13	14	0	0	0	0	0	0	0	0	0	0	4.3	5.1	6.2	6.9	7.6	7.8	8.2	8.4	8.7	8.7
61	7	207	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	3	4.9	5.8	7.0	7.7	8.4	8.9	9.3	9.7	10.1	10.6
61	7	208	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	0	4.1	5.1	6.3	7.1	8.0	8.3	8.8	9.4	9.8	10.8
61	7	209	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	4.0	5.0	6.2	7.1	7.9	8.5	8.9	9.4	10.0	10.8
61	7	210	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	5.0	5.9	6.7
61	7	211	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.5	6.5
61	7	212	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	5.0	7.0
61	7	213	1	1	1	10	11	11	0	0	0	0	0	0	31	0	0	0	.0	3.8	4.7	5.8	6.7	7.5	8.0	8.7	9.3	10.2
61	7	214	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.2
61	7	215	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.2
61	7	216	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.9	5.9	7.9
61	7	217	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.6	4.5	5.5	7.5
61	7	218	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.1	4.8	5.6	6.3	6.5	7.4	8.3	9.2
61	7	219	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	3.6	4.3	5.0	5.6	6.4	7.2	8.4	9.6
61	7	220	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.0
61	7	221	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	4	4	.0	.0	.0	.0	.0	.0	.0	4.0	4.8	6.8
61	7	222	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	6.5	7.2	8.0	8.9	9.6	10.8
61	7	223	1	1	1	1X	1X	11	0	0	0	0	0	0	0	33	33	33	.0	.0	.0	.0	.0	4.0	5.0	6.0	6.7	7.5
61	7	224	1	1	1	1X	1X	11	0	0	0	0	0	0	0	20	20	20	.0	.0	.0	.0	.0	.0	4.0	4.6	4.8	6.3
61	7	225	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	14	14	.0	.0	.0	.0	.0	.0	.0	4.0	4.9	6.7
61	7	226	2	2	2	42	43	43	0	0	0	0	0	62	0	0	0	0	24.2	24.5	24.8	25.1	25.4	25.5	25.7	25.8	26.1	26.3
61	7	227	1	1	1	1X	1X	31	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.8	5.4	7.2
61	7	228	1	1	1	10	10	11	0	0	0	0	0	0	0	0	0	0	.0	3.7	4.8	5.7	6.9	8.1	8.9	9.7	10.5	11.6
61	7	229	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	4	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.3
61	7	230	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	.0	3.7	4.6	5.7	6.6	7.4	7.9	8.5	9.0	9.8
61	7	231	1	1	1	1X	1X	12	0	0	0	0	0	0	0	33	33	34	.0	.0	.0	.0	.0	4.0	5.0	5.5	6.0	6.8
61	7	232	2	2	2	42	44	44	0	3	0	0	0	0	0	0	0	0	29.3	29.6	30.1	30.2	30.5	30.5	30.6	30.7	30.7	30.7
61	7	233	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	.0	.0	4.0	5.0	6.8
61	7	234	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.6	4.5	5.5	6.3	8.0
61	7	235	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.8	5.4	6.2	7.9
61	7	236	2	2	2	42	44	44	0	0	0	0	0	0	3	0	0	0	30.5	30.8	31.3	31.4	31.7	31.8	31.8	32.0	32.0	32.1
61	7	237	2	2	2	43	44	44	0	0	52	9	0	0	31	0	0	13	21.0	21.2	21.4	21.6	21.8	22.0	22.0	22.1	22.3	22.5
61	7	238	2	2	2	33	34	34	0	13	0	0	0	14	0	0	0	0	28.7	29.0	29.4	29.4	29.7	30.0	30.0	30.0	30.2	30.2
61	7	239	2	2	2	44	44	44	0	0	74	0	0	0	30	2	0	92	29.6	30.0	30.0	30.0	30.2	30.2	30.2	30.2	30.2	30.2
61	7	240	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	4.0	4.9	5.9	6.9	8.6
61	7	241	1	1	1	10	10	21	0	0	0	0	0	0	0	0	0	0	6.6	7.4	8.6	9.7	9.8	11.5	12.1	12.8	13.5	14.4
61	7	242	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	5.0	5.8	6.3	8.0
61	7	243	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	33	33	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.0
61	7	244	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	4.7	5.8	7.1	8.0	9.0	9.7	10.3	10.9	11.4	12.2
61	7	245	1	1	1	10	11	22	0	33	2	0	0	0	31	0	0	0	5.9	7.1	8.3	9.1	9.7	10.2	10.6	11.2	11.6	12.3
61	7	246	1	1	1	10	22	22	0	33	0	0	0	33	0	3	0	0	10.5	11.2	12.0	12.7	13.4	13.7	14.1	14.5	14.8	15.3
61	7	247	1	1	1	10	11	21	0	0	0	0	0	0	0	0	0	0	6.5	7.4	8.5	9.1	9.9	10.4	10.9	11.4	12.0	12.9
61	7	248	1	1	1	20	21	22	0	0	0	0	0	0	0	0	0	0	13.4	14.2	15.2	15.9	16.5	17.3	17.5	18.3	18.8	19.5
61	7	249	1	1	1	20	21	22	0	0	0	0	0	0	0	0	0	0	11.2	12.6	13.9	15.0	15.8	16.6	17.0	17.7	18.3	19.0
61	7	250	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	0	6.1	7.0	8.2	9.0	9.6	10.2	10.5	11.0	11.3	11.8
61	7	251	1	1	1	11	13	13	0	0	0	0	0	0	0	0	0	0	.0	4.1	4.9	5.6	6.1	6.4	6.7	6.9	7.2	7.6
61	7	252	1	1	1	10	11	22	0	0	0	0	0	0	0	0	0	0	4.3	5.1	6.8	8.2	9.4	10.2	10.8	11.3	11.9	12.7
61	7	253	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	0	.0	3.7	4.6	5.0	5.6	6.0	6.5	7.0	7.8	8.4
61	7	254	1	1	1	10	21	23	0	0	0	0	0	0	0	0	0	0	6.9	3.2	9.8	11.1	12.1	12.8	13.6	14.0	14.3	14.7
61	7	255	1	1	1	10	10	13	0	0	0	0	0	0	0	0	0	0	.0	3.9	5.5	6.8	8.0	9.0	9.8	10.6	10.8	11.3
61	7	256	1	1	1	10	11	21	0	0	0	0	0	0	0	0	0	0	3.6	4.6	6.3	7.7	9.7	9.9	10.5	11.3	12.0	12.9
61	7	257	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.0
61	7	258	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	3	.0	3.6	4.1	5.0	5.5	6.0	6.5	7.0	7.7	8.5
61	7	259	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	.0	3.6	4.4	5.4	6.1	6.8	7.6	7.8	8.2	8.8
61	7	260	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.0	4.4	5.2	6.0	6.8	7.6	8.7
61	7	261	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	5.0	5.9	7.6
61	7	262	1	1	1	10	21	22	0	33	0	0	0	3	0	0	0	3	9.0	10.0	11.3	11.9	12.8	13.3	13.9	14.5	15.0	15.9
61	7	263	1	1	1	20	21	22	0	0	0	0	0	0	0	0	0	0	10.8	11.8	12.9	13.8	14.7	15.6	15.9	16.6	17.1	18.0
61	7	264	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.7	5.2	7.0
61	7	265	1	1	1	1X	11	22	0	0	0	0	0	0	0	0	0	3	.0	.0	.0	.0	9.9	10.5	10.8	11.5	11.9	12.3
61	7	266	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.6	5.2	6.0	7.8
61	7	267	1	1	1	1X	1X	11	0	0	0	0	0	0	33	33	33	35	.0	.0	.0	.0	.0	4.0	5.0	5.5	6.0	7.3
61	7	268	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	33	35	.0	.0	.0	.0	.0	4.0	4.9	6.2	7.2	8.2
61	7	269	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	0	4.4	5.5	6.7	7.7	8.6	9.3	10.0	10.7	11.3	12.2
61	7	270	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.7	5.2	6.9
61	7	271	1	1	1	10	10	21	0	0	0	0	0	0	0	0	0	0	6.2	7.4	8.8	10.0	11.0	11.9	12.5	13.2	13.9	14.9
61	7	272	1	1	1	10	13	14	0	0	0	0	0	0	0	0	0	0	6.7	7.5	8.5	9.1	9.7	10.0	10.1	10.4	10.6	10.7
61	7	273	1	1	1	10	12	13	0	34	0	0	0	14	0	0	0	3	5.9	6.7	7.6	8.3	8.9	9.6	9.8	10.2	10.6	10.6
61	7	274	1	1	1	11	13	13	0	33	0	0	0	14	0	0	0	3	.0	3.7	4.4	4.8	5.2	5.5	5.7	5.9	6.1	6.5
61	7	275	1	1	1	12	14	13	0	33	0	0	0	14	0	0	0	4	3.6	4.2	4.7	5.0	5.1	5.3	5.4	5.5	5.6	6.0
61	7	276	1	1	1	11	12	12	0	33	0	0	0	0	0	0	0	0	7.0	7.6	8.3	8.8	9.4	9.9	10.1	10.7	11.1	11.7
61	7	277	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	3	5.8	6.4	7.3	7.6	8.2	8.6	8.9	9.3	9.6	10.1
61	7	278	1	1	1	11	23	23	0	33	0	0	0	0	0	0	0	3	9.9	10.4	11.2	11.6	11.9	12.2	12.2	12.4	12.7	13.0
61	7	279	1	1	1	12	14	14	0	0	0	0	0	0	0	0	0	3	6.9	7.3	7.9	8.3	8.5	8.7	8.7	8.8	8.8	8.9
61	7	280	1	1	1	20	21	21	0	0	0	0	0	0	0	0	0	0	11.6	12.6	13.6	14.4	15.4	16.2	16.6	17.3	17.9	19.1
61	7	281	1	1	1	10	22	22	0	0	0	0	0	0	0	0	0	0	8.0	9.1	10.5	11.4	12.3	12.9	13.2	13.7	14.3	14.9
61	7	282	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	0	6.1	6.9	7.8	8.5	9.3	9.8	10.3	10.7	11.2	11.8
61	7	283	1	1	1	20	22	22	0	35	3	0	0	0	0	0	0	0	12.0	12.8	13.7	14.3	15.1	15.7	16.1	16.5	16.9	17.8
61	7	284	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	3.8	4.9	6.1	7.0	7.9	8.8	9.6	10.6
61	7	285	2	2	2	43	44	44	0	21	0	0	0	64	0	0	24	94	31.2	31.4	31.7	31.8	32.0	32.0	32.0	32.0	32.0	32.0
61	7	286	2	2	2	44	4X	4X	0	0	0	0	91	0	0	0	0	0	32.8	32.8	32.8	32.8	32.8	.0	.0	.0	.0	.0
61	7	287	2	2	2	43	4X	4X	0	66	52	0	91	0	0	0	0	0	23.7	24.0	24.2	24.5	24.5	.0	.0	.0	.0	.0
61	7	288	2	2	2	42	43	4X	0	64	52	0	0	14	31	60	90	0	25.5	25.8	26.1	26.6	26.7	27.0	27.0	27.1	27.1	.0
61	7	289	2	2	2	42	44	4X	0	60	52	0	0	0	31	92	0	0	27.2	27.5	28.0	28.3	28.5	28.8	28.8	28.8	.0	.0
61	7	290	2	2	2	43	44	44	0	60	52	31	31	31	31	32	32	32	23.8	24.0	24.1	24.4	24.5	24.6	24.6	24.6	24.7	24.7

61	7	291	1	1	1	14	1X	1X	0	0	0	0	0	0	92	0	0	0	4.0	4.5	4.8	4.8	4.8	4.9	4.9	.0	.0	.0
61	7	292	1	1	1	1X	1X	1X	0	0	0	92	0	0	0	0	0	0	.0	5.5	6.6	6.8	.0	.0	.0	.0	.0	.0
61	7	293	1	1	1	1X	1X	1X	0	0	0	0	92	0	0	0	0	0	.0	.0	3.7	4.5	4.9	.0	.0	.0	.0	.0

TABLE 1.8:

PLOT NO.	SUB PLOT NO.	TREE NO.	AGE CLASS 20	40	60	AGE-VIGOR I	II	III	TREE CONDITION CODE 1920	25	30	35	40	45	50	55	60	70	D.B.H. (INCHES) 1920	25	30	35	40	45	50	55	60	70
61	8	1	1	1	1	21	22	22	0	0	0	0	0	0	0	0	30	0	20.6	21.1	21.6	22.2	22.7	23.3	23.6	24.1	24.4	25.0
61	8	2	1	1	1	21	22	22	0	0	0	0	0	0	30	0	30	0	16.1	16.8	17.5	18.2	18.9	19.4	19.8	20.2	20.6	21.0
61	8	3	1	1	1	23	24	24	0	4	0	0	0	0	31	0	0	76	18.4	18.6	18.7	18.9	19.2	19.2	19.2	19.2	19.2	19.3
61	8	4	1	1	1	22	23	23	0	3	0	0	0	0	31	30	0	0	18.6	18.9	19.2	19.6	19.9	20.0	20.2	20.4	20.6	20.9
61	8	5	1	1	1	22	22	22	0	0	2	0	0	0	0	0	0	14	11.3	12.1	12.5	13.0	13.4	13.7	14.0	14.2	14.8	15.6
61	8	6	2	2	2	32	32	32	0	0	0	0	0	0	0	0	0	0	20.6	20.1	20.6	21.0	21.5	21.9	22.1	22.3	22.6	23.1
61	8	7	1	1	1	22	24	24	0	3	0	0	0	0	30	0	0	0	19.7	20.0	20.3	20.6	20.8	21.0	21.0	21.0	21.1	21.1
61	8	8	2	2	2	31	32	32	0	0	0	0	0	0	0	30	0	0	20.2	21.1	21.7	22.5	22.9	23.5	23.6	24.0	24.4	24.8
61	8	9	1	1	1	22	22	23	0	0	0	0	0	0	0	30	0	0	15.5	15.8	16.1	16.4	16.8	17.2	17.4	17.7	17.9	18.2
61	8	10	1	1	1	20	22	22	0	0	0	0	0	0	30	30	0	0	12.2	12.9	13.8	14.3	15.1	15.7	16.0	16.5	17.1	17.7
61	8	11	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.0	4.5	5.0	5.5	6.0	6.8	7.6
61	8	12	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.3	4.8	5.3	5.8	6.6	7.4
61	8	13	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	3.6	4.2	5.0	5.9	6.7	8.0
61	8	14	2	2	2	34	34	34	0	3	52	64	0	9	13	0	0	76	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
61	8	15	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.9	4.6	6.1
61	8	16	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	5.0	5.7	7.0
61	8	17	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	0	3.9	4.5	5.1	5.7	6.3	6.9	7.5	8.1	8.8	9.9
61	8	18	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	5.0	5.7	7.3
61	8	19	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	5.1	5.9	7.8
61	8	20	1	0	1	1X	44	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.9	5.8	7.4
61	8	21	1	1	1	1X	1X	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	5.1	5.9	6.6	7.2
61	8	22	1	1	1	1X	1X	12	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	4.3	4.9	5.6	6.2	6.8
61	8	23	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.7	6.0
61	8	24	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.4	5.3	6.1	7.0	7.8	9.5
61	8	25	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	0	.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	9.0
61	8	26	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.9	6.0	7.5
61	8	27	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.9	4.8	6.0	7.8
61	8	28	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	5.0	6.8
61	8	29	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	5.0	6.0	7.8
61	8	30	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.6	4.8	5.8	7.6
61	8	31	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	.0	.0	3.6	4.5	6.3
61	8	32	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.8	5.0	6.9
61	8	33	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.2	4.6	5.2	5.6	6.0	6.4	7.1
61	8	34	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.6	4.2	6.0
61	8	35	2	2	2	34	34	34	0	2	52	0	0	0	0	0	0	64	13.6	13.7	13.7	13.8	14.0	14.1	14.1	14.2	14.2	14.5
61	8	36	2	2	2	42	43	44	0	0	0	0	0	0	30	0	30	0	26.4	26.7	27.0	27.2	27.5	27.7	27.8	28.1	28.3	28.5
61	8	37	2	2	2	42	43	43	0	4	64	0	0	13	0	0	0	14	10.9	11.2	11.3	11.6	12.1	12.1	12.4	12.6	12.8	13.2
61	8	38	2	2	2	42	43	43	0	0	0	0	0	0	30	0	0	0	21.4	21.6	21.9	22.4	22.7	23.0	23.1	23.3	23.6	24.0
61	8	39	2	2	2	32	32	32	0	0	0	0	0	0	0	0	0	0	20.2	20.6	21.1	21.5	21.9	22.2	22.5	22.7	23.1	23.5
61	8	40	2	2	2	33	34	33	0	0	0	0	0	0	0	31	0	14	21.3	21.4	21.5	21.6	21.8	21.9	21.9	21.9	22.0	22.4
61	8	41	2	2	2	32	33	33	0	0	52	0	0	0	0	0	30	13	24.4	24.8	25.2	25.5	26.0	26.2	26.3	26.6	26.9	27.3
61	8	42	2	2	2	33	34	34	0	3	52	0	0	0	0	0	0	13	24.7	24.9	25.0	25.2	25.4	25.6	25.6	25.7	25.8	26.0
61	8	43	2	2	2	32	33	32	0	64	0	0	0	0	30	0	0	0	21.9	22.2	22.5	22.8	23.2	23.4	23.6	23.8	24.0	24.6
61	8	44	2	2	2	32	32	32	0	64	52	0	0	0	30	0	0	0	20.9	21.2	21.4	21.8	22.1	22.4	22.6	23.0	23.3	24.0
61	8	45	2	2	2	33	34	34	0	0	0	0	0	13	30	64	0	0	23.2	23.4	23.6	23.7	24.0	24.0	24.1	24.2	24.4	24.5
61	8	46	2	2	2	33	34	33	0	0	9	0	0	0	0	0	0	74	16.2	16.4	16.6	16.8	17.1	17.3	17.4	17.5	17.7	18.2
61	8	47	2	2	2	32	34	33	0	0	0	0	0	0	0	0	0	30	23.4	23.7	24.0	24.2	24.5	24.7	24.7	24.8	25.0	25.3
61	8	48	2	2	2	32	34	33	0	0	52	0	0	0	30	3	0	0	22.3	22.6	22.9	23.2	23.5	23.6	23.7	23.8	24.0	24.4
61	8	49	2	2	2	33	34	34	0	0	0	0	0	64	0	0	0	30	24.8	25.0	25.3	25.4	25.6	25.7	25.8	25.8	25.9	26.0
61	8	50	2	2	2	32	32	32	0	0	0	0	0	0	0	0	0	30	20.7	21.0	21.3	21.5	21.9	22.2	22.4	22.7	23.1	23.6
61	8	51	2	2	2	34	34	34	0	9	0	0	0	0	30	0	0	74	22.5	22.6	22.8	22.8	22.8	22.8	22.9	23.0	22.9	23.4
61	8	52	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	5.0	6.0	7.0	9.3
61	8	53	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	5.0	5.7	6.8
61	8	54	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.8	4.4	6.0
61	8	55	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.1	7.0
61	8	56	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	11	.0	.0	.0	.0	.0	.0	.0	4.0	4.9	6.9
61	8	57	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	.0	.0	4.0	5.0	7.5
61	8	58	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.7	6.1
61	8	59	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.9	4.6	5.4	7.0
61	8	60	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	4.9	5.8	7.3
61	8	61	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	4.7	5.3	7.1
61	8	62	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.8	6.2
61	8	63	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.6	6.0
61	8	64	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.7	6.1
61	8	65	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	5.0	5.7	6.3	7.9
61	8	66	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.7	6.2
61	8	67	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	4.9	6.7
61	8	68	1	1	1	10	12	13	0	0	0	0	0	0	0	0	0	0	.0	4.0	4.7	5.6	6.4	7.1	7.4	7.8	8.0	8.5
61	8	69	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	3.8	4.3	5.0	5.7	7.1
61	8	70	1	1	1	10	10	20	0	0	0	0	0	0	34	33	0	33	.0	3.6	5.2	7.1	8.5	9.6	10.4	11.3	12.0	13.5
61	8	71	1	1	1	1X	11	12	0	0	0	0	0	0	0	0	0	0	.0	.0	4.3	5.3	6.2	7.0	7.6	8.1	8.7	9.5
61	8	72	1	1	1	1X	13	12	0	0	0	0	0	0	0	0	0	0	.0	.0	3.6	4.4	5.9	6.2	6.2	6.5	6.9	7.7
61	8	73	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	4.8	6.2
61	8	74	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.6
61	8	75	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	4.9	5.2	5.6	5.9	6.2	6.6	7.0	7.4	7.7	8.4
61	8	76	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.6	5.9	6.9	7.9	8.5	9.3	9.8	10.9
61	8	77	1	1	1	20	20	22	0	0	0	0	0	0	0	0	0	13	27.4	28.4	29.5	30.5	31.4	32.0	32.8	33.6	33.9	35.0
61	8	78	2	2	2	31	32	33	0	0	52	0	0	0	0	0	0	13	28.2	28.7	29.4	29.7	30.2	30.6	30.8	31.1	31.3	31.8
61	8	79	1	1	2	22	24	34	0	0	52	0	0	0	0	0	0	0	21.7	22.0	22.3	22.7	22.8	23.0	23.1	23.2	23.2	23.2
61	8	80	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.3	5.4	6.3	7.2	7.8	8.5	9.1	10.0
61	8	81	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	3.6	4.9	6.3	7.6	8.8	9.6	10.2	10.9	11.5	12.3
61	8	82	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	4.3	5.4	6.7	7.8	8.7	9.5	9.9	10.6	11.1	11.7
61	8	83	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.7	6.0
61	8	84	1	1	1	1X	11	12	0	0	0	0	0	0	0	0	0	3	.0	.0	4.4	5.6	6.5	7.4	7.8	8.3	8.8	9.6
61	8	85	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	11	.0	.0	3.6	4.5	5.7	6.2	6.6	6.8	7.0	8.2
61	8	86	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	0	4.9	5.8	6.7	7.6	8.4	9.1	9.6	10.0	10.8	11.9
61	8	87	1	1	1	13	13	13	0	0	0	0	0	0	0	0	0	2	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.8	8.0	8.3
61	8	88	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	4.1	4.6	5.2	5.5	6.0	6.4	6.7	7.2
61	8	89	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	0	4.6	5.2	5.8	6.3	6.8	7.3	7.3	7.8	8.3	9.2
61	8	90	1	1	1	12	14	12	0	0	0	0	0	0	0	0	0	0	4.0	4.5	5.0	5.4	5.9	6.0	6.0	6.2	6.6	7.3

61	8	91	1	1	1	12	13	13	0	0	0	0	0	0	0	0	0	0	4.6	4.9	5.3	5.6	5.9	6.2	6.4	6.6	6.8	7.2
61	8	92	1	1	1	10	11	21	0	64	0	33	0	0	0	0	0	33	7.0	7.9	8.9	10.0	10.6	11.3	12.0	12.7	13.3	14.4
61	8	93	1	1	1	10	20	21	0	2	0	0	0	0	20	20	20	20	7.0	8.2	9.4	10.7	11.7	12.3	13.1	14.0	14.8	15.9
61	8	94	1	1	1	10	11	11	0	0	0	0	0	33	20	0	0	0	.0	4.0	5.0	5.9	6.7	7.1	7.9	8.3	8.9	9.9
61	8	95	2	2	2	33	34	34	0	21	25	0	0	0	20	0	0	20	24.4	24.6	24.8	25.0	25.3	25.3	25.4	25.5	25.5	25.6
61	8	96	1	1	1	12	12	13	0	0	0	0	0	0	0	0	0	0	5.4	5.9	6.4	6.9	7.3	7.7	8.0	8.3	8.4	8.8
61	8	97	1	1	1	12	14	14	0	73	0	0	0	0	0	0	0	14	7.5	7.8	8.2	8.4	8.7	8.9	8.9	8.9	8.9	8.9
61	8	98	1	1	1	10	12	23	0	0	0	0	0	22	22	22	22	0	7.8	8.6	9.6	10.2	10.9	11.4	11.8	12.1	12.4	12.8
61	8	99	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	3	7.0	7.5	8.2	8.5	9.0	9.4	9.6	9.8	10.2	10.9
61	8	100	1	1	1	13	13	13	0	0	0	0	0	0	0	0	0	0	5.2	5.4	5.5	5.7	6.1	6.3	6.6	6.8	7.0	7.4
61	8	101	1	1	1	10	22	22	0	0	0	0	0	0	0	0	0	0	9.2	9.9	10.8	11.2	12.0	12.4	12.8	13.1	13.4	14.3
61	8	102	1	1	1	11	21	22	0	0	0	0	0	0	20	0	0	0	9.3	9.9	11.0	11.2	11.8	12.4	12.8	13.3	13.8	14.5
61	8	103	1	1	1	10	21	21	0	0	0	0	0	0	0	0	0	3	8.0	8.9	10.0	10.7	11.7	12.3	12.8	13.4	13.9	15.1
61	8	104	1	1	1	10	12	23	0	14	0	0	0	0	0	0	0	3	8.1	8.9	9.8	10.4	11.0	11.4	11.6	11.9	12.2	12.5
61	8	105	1	1	1	10	10	11	0	0	0	0	0	0	0	0	0	0	.0	3.8	5.6	7.2	8.3	9.0	9.9	10.5	11.3	12.4
61	8	106	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	0	.0	4.1	4.6	5.1	5.6	6.1	6.6	7.1	7.6	8.6
61	8	107	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.8	5.2	7.4
61	8	108	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.7	6.2
61	8	109	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	1	.0	4.2	4.7	5.3	5.8	6.2	6.7	7.2	7.4	8.0
61	8	110	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.0	6.8
61	8	111	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	3	.0	.0	.0	3.6	4.3	4.9	5.5	6.2	6.8	8.0
61	8	112	2	2	2	32	33	32	0	4	0	0	0	3	0	0	0	0	17.7	18.1	18.6	18.9	19.4	19.6	19.8	20.0	20.4	21.1
61	8	113	1	1	1	21	22	22	0	0	0	0	0	0	30	0	0	0	17.6	18.1	18.6	19.0	19.7	20.0	20.4	20.8	21.1	21.8
61	8	114	1	1	1	10	20	21	0	0	0	0	0	0	0	0	0	0	9.0	10.0	11.2	12.2	12.9	13.7	14.3	15.0	15.7	16.5
61	8	115	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.1	4.7	5.5	6.4	8.1
61	8	116	1	1	1	22	22	22	0	0	0	0	0	0	0	0	0	30	14.7	15.2	15.6	16.2	16.7	16.9	17.2	17.5	17.8	18.3
61	8	117	1	1	2	22	24	32	0	2	0	0	0	0	0	0	0	0	11.6	11.9	12.0	12.3	12.7	12.8	12.9	13.0	13.2	14.0
61	8	118	1	1	1	12	13	12	0	2	0	0	0	14	0	0	0	0	6.1	6.5	6.7	7.1	7.6	7.8	8.0	8.3	8.7	9.3
61	8	119	1	1	1	20	22	22	0	0	0	0	0	0	0	0	0	0	22.3	23.0	23.8	24.5	25.2	25.7	26.1	26.5	26.8	27.6
61	8	120	1	1	1	21	22	22	0	0	0	0	0	0	0	0	0	0	17.9	18.6	19.3	20.0	20.7	21.2	21.5	21.9	22.3	23.1
61	8	121	1	1	2	22	22	32	0	3	52	0	0	0	30	30	0	30	25.0	25.5	26.0	26.5	26.9	27.2	27.5	27.7	28.1	28.5
61	8	122	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	3.6	4.6	5.6	6.5	7.9	9.0
61	8	123	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.7	4.6	6.8
61	8	124	2	2	2	33	33	34	0	3	52	0	0	9	0	0	30	0	28.5	28.7	28.9	29.2	29.4	29.6	29.6	29.8	29.9	30.1
61	8	125	2	2	2	33	33	34	0	64	0	0	0	0	0	0	0	0	32.3	32.5	32.7	33.0	33.1	33.4	33.5	33.8	33.8	34.2
61	8	126	2	2	2	34	34	34	0	4	0	0	0	14	0	0	0	0	18.1	18.2	18.4	18.4	18.5	18.8	18.8	18.9	19.0	19.0
61	8	127	2	2	2	32	32	32	0	64	0	0	0	13	30	0	0	14	23.2	23.6	24.1	24.4	24.8	25.2	25.4	25.7	26.1	26.9
61	8	128	2	2	2	32	33	33	0	64	52	0	0	0	30	0	0	0	20.3	20.6	20.9	21.2	21.5	21.7	21.9	22.1	22.2	22.7
61	8	129	2	2	2	32	32	32	0	64	0	0	0	0	30	0	0	0	17.4	17.9	18.3	18.8	19.3	19.8	20.1	20.5	20.8	21.4
61	8	130	2	2	2	33	33	33	0	64	0	0	0	0	0	0	0	0	16.3	16.6	16.9	17.2	17.4	17.7	17.8	17.9	18.3	18.6
61	8	131	2	2	2	32	34	33	0	0	0	0	0	0	0	0	0	0	22.0	22.3	22.6	23.0	23.2	23.4	23.5	23.5	23.6	24.0
61	8	132	2	2	2	34	34	34	0	3	4	0	0	14	0	0	0	0	14.1	14.2	14.2	14.3	14.5	14.5	14.5	14.6	14.7	14.7
61	8	133	2	2	2	32	33	34	0	0	0	0	0	0	0	0	0	3	26.7	27.0	27.5	27.8	28.0	28.3	28.3	28.5	28.5	28.5
61	8	134	2	2	2	34	34	34	0	0	30	0	0	0	0	0	0	14	21.9	22.0	22.1	22.3	22.4	22.5	22.6	22.6	22.6	22.9
61	8	135	2	2	2	34	34	34	0	0	0	0	0	0	0	0	0	4	11.5	11.5	11.5	11.6	11.6	11.7	11.7	11.8	11.8	11.8
61	8	136	1	1	1	22	22	33	0	0	0	0	0	3	30	0	0	30	23.9	24.3	24.9	25.1	25.4	25.9	26.0	26.2	26.4	26.7
61	8	137	1	1	2	22	24	34	0	0	0	0	0	0	30	0	0	30	25.8	26.1	26.5	26.7	27.0	27.1	27.2	27.4	27.5	27.6
61	8	138	1	1	1	11	12	22	0	0	0	0	0	0	0	0	0	0	8.9	9.4	10.0	10.4	10.9	11.3	11.5	11.8	12.2	12.6
61	8	139	1	1	1	22	22	22	0	0	0	0	0	0	0	0	0	0	12.1	12.5	12.9	13.3	13.7	14.1	14.4	14.7	15.0	15.5
61	8	140	1	1	1	13	13	23	0	0	0	0	0	14	0	4	0	0	10.3	10.5	10.7	10.9	11.2	11.4	11.6	11.7	12.0	12.3
61	8	141	1	1	1	22	24	22	0	0	0	0	30	0	30	0	0	0	11.9	12.2	12.6	12.7	13.1	13.2	13.2	13.2	13.3	14.0
61	8	142	1	1	1	21	22	22	0	0	0	0	0	0	0	0	0	0	11.4	11.9	12.5	13.0	13.4	14.0	14.3	14.7	14.9	15.7
61	8	143	1	1	1	22	22	22	0	0	0	0	0	0	0	0	0	3	20.6	21.0	21.4	21.8	22.3	22.7	23.1	23.3	23.5	24.1
61	8	144	1	1	1	24	24	24	0	3	73	0	0	9	30	0	0	0	11.8	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.2
61	8	145	1	1	1	22	22	23	0	73	0	0	0	0	30	0	0	0	13.4	13.8	14.2	14.6	15.0	15.4	15.6	15.9	16.1	16.5
61	8	146	1	1	1	22	23	23	0	0	0	0	30	0	30	0	0	13	13.3	13.7	14.2	14.5	14.8	15.0	15.2	15.5	15.8	16.2
61	8	147	1	1	1	11	12	22	0	0	0	0	0	0	0	0	0	0	8.2	8.7	9.2	9.6	10.2	10.6	10.8	11.3	11.6	12.2
61	8	148	1	1	1	22	23	22	0	0	0	0	0	0	0	0	0	0	15.9	16.4	16.9	17.2	17.8	17.9	18.2	18.5	18.8	19.3
61	8	149	1	1	1	21	21	22	0	0	0	0	0	0	30	0	0	0	14.5	15.1	15.8	16.5	16.9	17.7	18.1	18.6	19.3	19.9
61	8	150	2	2	2	33	34	34	0	0	52	0	0	0	30	0	0	0	24.8	25.0	25.2	25.3	25.5	25.6	25.6	25.7	25.7	25.8
61	8	151	1	1	1	22	22	22	0	0	0	0	0	0	0	0	0	0	12.9	13.2	13.5	13.9	14.2	14.6	14.8	15.1	15.4	16.2
61	8	152	1	1	2	22	23	33	0	0	0	0	0	0	0	0	0	0	18.4	18.7	19.1	19.3	19.6	19.9	20.1	20.4	20.4	20.8
61	8	153	1	1	2	24	24	34	0	3	0	0	0	0	0	0	0	0	17.2	17.3	17.3	17.3	17.3	17.3	17.4	17.4	17.5	17.5
61	8	154	1	1	2	22	23	34	0	3	0	0	0	0	63	0	0	0	22.5	22.8	23.4	23.5	23.8	24.1	24.1	24.3	24.4	24.5
61	8	155	1	1	2	24	24	34	0	0	0	0	0	0	30	3	0	0	27.0	27.1	27.2	27.4	27.4	27.4	27.4	27.4	27.4	27.4
61	8	156	1	1	1	22	23	22	0	0	0	0	0	0	30	0	30	0	20.8	21.1	21.6	21.9	22.1	22.6	22.6	22.9	23.2	23.7
61	8	157	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	5.4	5.9	6.4	6.8	7.3	7.7	7.9	8.3	8.6	9.6
61	8	158	1	1	1	22	23	23	0	0	0	0	0	0	0	0	0	0	20.2	20.6	20.9	21.3	21.8	22.1	22.3	22.5	22.8	23.2
61	8	159	1	1	1	22	22	23	0	0	0	0	0	0	30	0	30	30	21.0	21.4	21.9	22.5	22.5	23.0	23.1	23.4	23.6	24.0
61	8	160	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.6	4.5	5.6	8.0
61	8	161	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	.0	.0	4.0	4.9	6.8
61	8	162	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.6	4.4	5.3	6.0	7.8
61	8	163	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	0	4.2	4.9	5.7	6.3	7.1	7.5	7.8	8.2	8.5	9.0
61	8	164	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	2	4.7	5.4	6.3	6.9	7.5	8.1	8.3	8.7	9.1	9.6
61	8	165	1	1	1	12	13	14	0	0	0	0	0	0	0	0	0	0	.0	3.6	4.3	4.7	5.0	5.4	5.4	5.6	5.8	6.0
61	8	166	1	1	1	10	12	12	0	35	0	0	0	0	0	2	0	0	6.7	7.4	8.3	9.0	9.6	10.0	10.3	10.7	11.2	11.8
61	8	167	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	0	5.4	6.3	7.3	8.2	9.0	9.5	10.0	10.7	11.4	12.5
61	8	168	1	1	1	10	11	21	0	0	0	0	0	0	0	0	0	0	6.3	7.2	8.3	9.2	9.8	10.6	11.2	11.8	12.4	13.3
61	8	169	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	.0	3.9	4.4	5.3	7.0
61	8	170	1	1	1	10	11	21	0	21	33	0	0	0	0	0	0	3	6.8	7.6	8.5	9.3	10.1	10.6	11.1	11.7	12.3	13.2
61	8	171	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.9	5.0	7.2
61	8	172	1	1	1	14	12	14	0	0	0	0	0	0	0	0	0	0	6.5	6.8	7.1	7.4	6.7	7.0	7.3	7.6	7.9	8.0
61	8	173	1	1	1	11	12	11	0	0	0	0	0	0	0	0	0	0	6.2	6.8	7.3	7.9	8.5	8.8	9.2	9.6	10.1	11.1
61	8	174	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.2	6.1	7.3	8.5	9.3	10.1	11.0	12.0
61	8	175	2	2	2	43	4X	4X	0	64	52	9	0	0	92	0	0	0	30.1	30.3	30.5	30.7	30.8	30.9	30.9	.0	.0	.0
61	8	176	2	2	2	43	4X	4X	0	64	52	0	0	0	92	0	0	0	34.3	34.4	34.5	34.7	34.8	34.9	34.9	.0	.0	.0
61	8	177	2	2	2	34	3X	3X	0	64	0	0	0	42	93	0	0	0	22.0	22.1	22.3	22.5	22.5	22.8	22.8	.0	.0	.0
61	8	178	2	2	2	34	3X	3X	0	64	0	0	0	92	0	0	0	0	24.2	24.2	24.3	24.3	24.3	24.3	.0	.0	.0	.0
61	8	179	2	0	2	4X	44	4X	0	0	90	0	0	0	0	0	0	0	23.9	23.9	23.9	30.2	.0	.0	.0	.0	.0	.0
61	8	180	2	2	2	33	34	3X	0	0	0	0	0	13	0	0	92	0	16.7	16.7	16.9	17.0	17.1	17.1	17.2	17.3	17.3	.0
61	8	181	2	2	2	34	3X	3X	20	65	52	0	0	9	90	0	0	0	18.5	18.6	18.7	18.8	18.9	18.9	18.9	.0	.0	.0
61	8	182	1	1	1	1X	1X	1X	0	9	95	0	0	0	0	0	0	0	9.4	9.4	9.4	.0	.0	.0	.0	.0	.0	.0
61	8	183	1	1	1	24	2X	2X	0	0	0	0	92	0	0	0	0	0	12.4	12.6	12.6	12.6	12.6	.0	.0	.0	.0	.0
61	8	184	1	1	1	1X	1X	1X	0	4	0	95	0	0	0	0	0	0	9.4	9.4	9.5	9.5	.0	.0	.0	.0	.0	.0
61	8	185	1	1	1	12	14	1X	0	35	35	35	35	35	35	98	0	0	3.6	4.3	4.7	5.0	5.1	5.3	5.3	5.3	.0	.0
61	8	186	2	2	2	44	44	4X	0	0	0	0	0	0	0	90	0	0	21.3	21.3	21.3	21.3	21.4	21.4	21.4	21.4	.0	.0
61	8	187	2	2	2	43	4X	4X	24	24	24	24	91	0	0	0	0	0	26.5	26.9	27.3	27.6	27.6	.0	.0	.0	.0	.0
61	8	188	2	2	2	4X	4X	4X	0	0	92	0	0	0	0	0	0	0	37.2	37.3	37.3	.0	.0	.0	.0	.0	.0	.0

TABLE 1.9:

PLOT NO.	SUB PLOT NO.	TREE NO.	AGE CLASS 20	40	60	AGE= VIGOR I	II	III	TREE CONDITION CODE 1920	25	30	35	40	45	50	55	60	70	DIAM. (INCHES) 1920	25	30	35	40	45	50	55	60	70
61	9	1	1	1	1	20	20	21	0	33	0	0	0	0	0	0	0	0	11.3	12.5	13.9	14.8	15.9	16.7	17.5	18.5	19.2	20.5
61	9	2	1	1	1	10	21	22	0	0	0	0	0	0	0	0	0	0	9.2	10.2	11.4	12.3	13.1	13.7	14.1	14.7	15.4	16.2
61	9	3	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	0	5.6	6.5	7.5	8.1	9.1	9.6	9.9	10.3	10.7	11.3
61	9	4	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	0	.0	3.9	5.0	5.9	6.7	7.2	7.8	8.4	9.0	9.9
61	9	5	1	1	1	10	22	22	0	0	0	0	0	0	0	0	0	0	7.5	8.9	10.5	11.6	13.1	13.4	13.9	14.4	15.1	15.4
61	9	6	1	1	1	10	12	12	0	33	2	0	0	0	0	0	0	0	.0	4.3	5.8	6.6	7.4	7.8	8.2	8.5	9.0	9.6
61	9	7	1	1	1	10	21	22	0	0	0	0	0	0	0	0	0	0	7.6	8.7	10.2	11.2	12.1	12.7	13.3	14.0	14.5	15.2
61	9	8	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	4.9	5.3	5.8	6.2	6.7	7.1	7.5	8.0	8.5	9.3
61	9	9	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	5.3	5.7	6.0	6.3	6.7	7.0	7.3	7.7	8.1	8.7
61	9	10	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	3.9	4.2	4.6	4.8	5.2	5.5	6.0
61	9	11	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	4.0	4.3	4.6	5.0	5.4	5.7	6.0	6.5
61	9	12	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	.0	3.9	4.3	4.8	5.2	5.6	6.0	6.4	6.7	7.2
61	9	13	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	4.9	5.4	6.0	7.7
61	9	14	1	1	1	10	22	22	0	33	0	0	0	0	0	0	0	0	9.1	10.1	11.3	12.2	13.1	13.7	14.0	14.5	15.1	15.7
61	9	15	1	1	1	10	22	22	0	0	0	0	0	0	0	0	0	0	9.5	10.3	11.2	11.9	12.7	13.1	13.4	13.8	14.5	15.0
61	9	16	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	0	5.4	6.1	6.9	7.6	8.2	8.7	9.0	9.5	10.0	10.7
61	9	17	1	1	1	12	14	14	0	0	0	0	0	0	0	0	0	0	4.6	4.9	5.3	5.6	5.9	5.9	6.0	6.0	6.1	6.2
61	9	18	1	1	1	12	13	13	0	33	0	0	0	0	0	0	0	0	5.0	5.4	5.8	6.1	6.4	6.8	7.0	7.1	7.3	7.6
61	9	19	1	1	1	10	21	21	0	0	0	0	0	0	0	0	0	0	9.1	9.8	10.6	11.3	12.0	12.6	13.0	13.5	14.1	15.1
61	9	20	1	1	1	10	13	13	0	33	2	0	0	0	0	0	0	33	5.2	5.9	6.6	7.3	8.1	8.3	8.6	8.8	9.0	9.4
61	9	21	1	1	1	11	12	23	0	0	0	0	0	0	33	0	0	0	8.6	8.8	9.5	10.1	10.7	11.2	11.5	11.9	12.1	12.6
61	9	22	1	1	1	11	12	22	0	33	0	0	0	0	0	0	0	0	7.9	8.5	9.2	9.7	10.3	10.8	11.2	11.7	12.1	12.9
61	9	23	1	1	1	10	11	22	0	0	0	0	0	0	0	0	0	0	7.7	8.5	9.5	10.4	11.0	11.7	12.1	12.5	12.9	13.8
61	9	24	1	1	1	12	14	14	0	33	33	0	0	0	0	0	0	4	6.1	6.5	7.0	7.4	7.7	7.9	8.0	8.0	8.2	8.2
61	9	25	1	1	1	10	12	12	0	13	0	0	0	11	0	0	0	0	7.1	7.9	8.9	9.7	10.4	10.8	11.3	11.6	12.1	12.6
61	9	26	1	1	1	22	23	22	20	20	20	20	20	21	21	21	21	21	23.2	23.5	23.9	24.1	24.5	24.8	24.9	25.0	25.4	25.8
61	9	27	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	.0	3.9	5.3	6.6	7.7	8.4	9.0	9.6	10.1	11.0
61	9	28	1	1	1	10	12	12	0	0	0	0	0	0	34	0	0	3	.0	4.0	5.3	6.4	7.4	7.9	8.2	8.7	9.2	9.9
61	9	29	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.8	6.1	7.0	7.6	8.5	9.3	10.6
61	9	30	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	0	.0	3.8	5.3	6.6	7.7	8.2	8.9	9.7	10.5	11.5
61	9	31	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.6	6.4
61	9	32	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.3	5.5	6.5	7.4	7.9	8.5	9.1	10.1
61	9	33	1	1	1	12	13	12	0	0	0	0	0	0	0	0	0	3	5.6	6.0	6.4	6.8	7.0	7.2	7.4	7.6	7.8	8.5
61	9	34	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.1
61	9	35	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	6.1
61	9	36	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.6	4.5	6.5
61	9	37	2	2	2	33	34	34	0	20	3	64	0	0	0	0	0	0	24.3	24.5	24.7	24.9	25.1	25.2	25.3	25.4	25.5	25.6
61	9	38	2	2	2	33	34	34	0	0	0	0	0	0	62	0	0	13	29.3	29.6	29.9	30.2	30.4	30.5	30.5	30.5	30.5	30.7
61	9	39	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	0	.0	3.9	4.7	5.5	6.4	7.2	7.8	8.4	9.1	10.0
61	9	40	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.7	4.5	6.0
61	9	41	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.2	6.9
61	9	42	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.6	4.5	6.0
61	9	43	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	3	.0	.0	.0	.0	.0	.0	4.3	5.0	5.8	7.2
61	9	44	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.8	4.5	5.2	5.9	7.1
61	9	45	1	1	1	10	10	11	0	0	0	0	0	0	0	0	0	0	.0	4.5	5.5	6.5	7.6	8.4	9.1	9.8	10.5	11.6
61	9	46	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.5
61	9	47	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	5.0	5.9	7.4
61	9	48	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.1
61	9	49	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.9	4.8	6.5
61	9	50	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	5.0	5.7	7.2
61	9	51	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.8	6.3	7.7	8.7	9.6	10.4	11.2	12.4
61	9	52	1	1	1	10	10	21	0	0	0	0	0	0	0	0	0	0	5.8	7.0	8.6	9.6	10.7	11.6	12.5	13.3	13.9	15.3
61	9	53	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	4.9	5.6	7.0
61	9	54	1	1	1	12	13	12	0	0	0	0	0	0	0	0	0	34	6.6	6.9	7.2	7.5	7.8	7.8	8.1	8.4	8.7	9.2
61	9	55	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	4.7	5.2	5.9	7.4
61	9	56	2	2	2	34	34	34	0	0	0	0	0	0	30	0	0	0	24.8	25.0	25.2	25.3	25.4	25.4	25.5	25.5	25.5	25.6
61	9	57	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	4.5	4.9	5.3	5.7	6.1	6.5	6.9	7.3	7.7	8.5
61	9	58	1	1	1	21	22	22	0	0	0	0	0	0	30	0	0	0	20.7	21.3	21.9	22.6	23.2	23.7	24.1	24.4	25.1	25.7
61	9	59	1	1	1	23	23	24	0	0	0	0	0	0	30	0	0	0	15.8	16.0	16.3	16.4	16.7	16.9	17.0	17.1	17.3	17.3
61	9	60	1	1	1	21	22	22	0	0	0	0	0	0	30	0	0	0	18.2	18.7	19.3	19.8	20.3	20.8	21.1	21.4	21.8	22.4
61	9	61	1	1	1	13	14	14	0	0	0	0	0	2	0	0	0	4	8.8	9.0	9.2	9.3	9.5	9.5	9.6	9.7	9.8	9.7
61	9	62	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.2
61	9	63	1	1	1	21	22	22	0	0	0	0	0	0	31	0	30	0	18.5	19.2	19.7	20.3	21.2	21.5	21.9	22.1	22.7	23.3
61	9	64	1	1	1	24	24	24	0	0	0	0	0	9	31	0	0	0	11.5	11.7	11.8	11.8	11.9	12.0	12.0	12.0	12.1	12.2
61	9	65	1	1	1	10	20	22	0	0	0	0	0	0	0	0	0	0	8.1	9.2	10.6	11.6	12.5	13.2	13.8	14.6	15.8	16.0
61	9	66	1	1	1	1X	12	13	0	0	0	0	0	0	0	0	0	3	.0	.0	.0	.0	6.2	6.5	6.8	7.1	7.4	7.6
61	9	67	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	9	.0	.0	.0	.0	.0	.0	.0	4.2	4.9	6.5
61	9	68	1	1	1	10	10	10	0	0	0	0	0	0	0	0	0	0	.0	4.6	5.0	6.1	7.3	8.2	9.0	10.0	10.8	12.1
61	9	69	1	1	1	21	23	22	0	0	0	0	0	0	30	0	0	0	16.2	16.9	17.5	18.1	18.9	18.9	19.5	19.6	20.1	20.9
61	9	70	1	1	1	21	22	22	0	0	0	0	0	0	30	0	0	0	12.9	13.5	14.2	14.8	15.2	15.7	16.0	16.4	16.8	17.4
61	9	71	1	1	1	22	23	23	0	0	0	0	0	0	0	0	0	3	16.2	16.5	16.8	17.1	17.4	17.6	17.6	17.9	18.1	18.6
61	9	72	1	1	1	23	23	21	0	0	0	0	0	0	30	0	0	0	12.4	12.6	12.8	13.0	13.1	13.2	13.6	13.9	14.4	15.4
61	9	73	1	1	1	20	21	21	0	0	0	0	0	0	30	0	0	0	18.6	19.3	20.0	20.7	21.5	22.2	22.6	23.2	23.8	24.7
61	9	74	1	1	1	22	24	23	0	0	0	0	0	0	0	0	0	0	14.8	15.1	15.5	15.7	16.1	16.3	16.4	16.4	16.9	17.0
61	9	75	1	1	2	13	24	34	0	73	0	0	0	11	0	9	0	0	10.7	10.9	11.1	11.3	11.6	11.7	11.7	11.7	11.7	11.8
61	9	76	1	1	1	21	22	22	0	0	0	0	0	0	30	0	0	0	13.7	14.2	15.0	15.3	15.8	16.2	16.4	16.8	17.2	17.6
61	9	77	1	1	1	22	22	23	0	0	0	0	0	0	30	0	0	0	16.7	17.1	17.5	17.9	18.3	18.5	18.8	19.1	19.4	19.8
61	9	78	1	1	1	23	23	24	0	3	0	0	0	0	30	0	0	0	20.5	20.7	21.0	21.2	21.4	21.6	21.7	21.8	21.8	21.8
61	9	79	1	1	1	10	20	21	0	0	0	0	0	0	0	0	0	0	9.3	10.3	11.6	12.6	13.4	14.3	14.8	15.5	16.2	17.1
61	9	80	1	1	1	10	22	22	0	33	0	0	0	14	0	0	0	0	9.0	9.9	11.3	12.0	12.6	13.3	13.5	14.0	14.5	14.9
61	9	81	1	1	1	10	12	13	0	0	0	0	0	0	0	0	0	33	.0	3.9	4.8	5.3	6.0	6.3	6.3	7.4	7.6	8.0
61	9	82	1	1	1	10	12	29	0	0	0	0	0	0	0	0	0	21	7.5	8.4	9.8	10.4	11.2	11.6	11.9	12.2	12.5	12.9
61	9	83	1	1	1	11	13	13	0	0	0	0	0	0	0	0	0	0	.0	3.6	4.1	4.6	5.1	5.3	5.5	5.7	5.9	6.3
61	9	84	1	1	1	20	20	21	0	0	0	0	0	0	0	0	0	0	11.0	12.1	13.6	14.7	15.5	16.4	16.9	17.6	18.2	19.2
61	9	85	1	1	1	10	12	23	0	0	0	0	0	0	0	0	0	0	7.9	8.8	9.8	10.6	11.4	11.7	12.1	12.6	13.0	13.3
61	9	86	1	1	1	10	11	22	0	0	0	0	0	0	0	0	0	0	6.7	7.7	9.0	10.0	10.8	11.8	12.0	12.6	13.1	13.7
61	9	87	1	1	1	10	11	22	0	0	0	0	0	0	0	0	0	0	6.8	7.7	8.8	9.7	10.5	11.0	11.4	12.1	12.6	13.5
61	9	88	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	2	6.4	6.8	7.8	8.4	8.9	9.4	9.7	10.0	10.4	10.8
61	9	89	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	2	.0	4.2	4.6	4.9	5.2	5.5	5.8	6.0	6.3	6.8
61	9	90	1	1	1	11	12	12	0	35	0	0	0	0	0	0	0	0	4.9	5.6	6.5	7.0	7.7	8.1	8.4	8.8	9.2	9.8

61	9	91	1	1	1	10	10	11	0	33	0	0	0	0	34	0	0	0	4.2	5.3	6.5	7.6	8.6	9.5	10.2	10.8	11.5	12.4
61	9	92	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	.0	4.4	5.3	6.1	7.0	7.8	8.2	8.9	9.4	10.0
61	9	93	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.3
61	9	94	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	5.0	5.9	7.2
61	9	95	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.8	4.3	4.9	6.1
61	9	96	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	3	.0	.0	.0	.0	.0	.0	4.1	5.0	6.0	7.8
61	9	97	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	5.0	6.7
61	9	98	1	1	1	12	12	13	0	0	0	0	0	0	0	0	0	2	5.4	5.7	6.0	6.3	6.6	6.9	7.2	7.5	7.8	8.1
61	9	99	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.6	5.3	6.9
61	9	100	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.4
61	9	101	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.0
61	9	102	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	3	.0	.0	.0	.0	.0	.0	.0	3.8	6.0	8.3
61	9	103	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	3	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.5
61	9	104	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	5.0	6.5
61	9	105	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	5.0	5.9	7.4
61	9	106	1	1	1	10	10	11	0	0	0	0	0	0	0	0	0	0	.0	3.5	4.6	5.9	6.9	7.8	8.3	9.0	9.7	10.6
61	9	107	1	1	1	10	20	21	0	0	0	0	0	0	0	0	0	0	8.0	9.2	10.6	11.7	12.7	13.5	14.0	14.8	15.6	16.7
61	9	108	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	3.9	4.6	5.3	5.9	6.2	6.4	6.7	7.2
61	9	109	1	1	1	10	11	21	0	0	0	0	0	0	0	0	0	0	6.1	7.3	8.7	10.0	11.0	11.7	12.4	12.7	13.3	14.2
61	9	110	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.6	4.3	6.0
61	9	111	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.7	4.9	7.1
61	9	112	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	5.0	5.7	6.2	7.8
61	9	113	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.0
61	9	114	1	1	1	23	23	23	0	21	25	0	0	0	30	30	30	30	22.7	22.9	23.1	23.3	23.6	23.9	23.9	24.1	24.3	24.6
61	9	115	1	1	1	24	24	24	0	21	25	0	0	0	30	30	30	30	23.0	23.1	23.2	23.3	23.4	23.4	23.4	23.4	23.5	23.5
61	9	116	1	1	1	24	24	24	0	21	25	0	0	0	22	22	22	0	29.4	29.5	29.8	29.8	29.8	29.8	29.9	29.9	29.9	30.0
61	9	117	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.0
61	9	118	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	.0	3.8	5.0	7.2
61	9	119	1	1	1	11	10	21	0	0	0	0	0	0	34	0	0	3	7.2	8.1	9.0	9.6	10.1	11.8	12.2	13.0	13.7	14.5
61	9	120	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.7	6.3
61	9	121	1	1	1	12	14	13	0	0	0	0	0	0	0	0	0	0	.0	4.2	4.6	4.8	5.0	5.2	5.2	5.4	5.8	6.1
61	9	122	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	.0	3.9	4.6	5.3	7.1
61	9	123	1	1	1	11	14	13	0	0	0	0	0	0	0	0	0	0	.0	3.9	4.7	5.3	5.8	6.1	6.1	6.2	6.4	6.9
61	9	124	1	1	1	10	21	22	0	0	0	0	0	0	2	0	0	0	8.5	9.4	10.3	11.2	12.0	12.6	13.1	13.6	14.1	14.6
61	9	125	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	5.9	6.7	7.8	8.4	9.1	9.6	10.3	10.8	11.1	12.0
61	9	126	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	0	4.2	5.0	5.8	6.5	7.3	7.8	8.5	8.9	9.5	10.6
61	9	127	1	1	1	10	10	21	0	0	0	0	0	0	0	0	0	0	5.7	6.7	7.8	8.8	9.8	10.6	11.2	12.0	12.7	13.7
61	9	128	1	1	1	21	22	22	0	0	0	0	0	11	0	0	0	0	15.9	16.5	17.0	17.7	18.2	18.3	18.6	19.0	19.3	19.8
61	9	129	1	1	1	21	21	22	0	3	0	0	0	0	30	0	0	0	24.4	25.1	26.0	26.7	27.2	27.9	28.3	29.0	29.2	30.4
61	9	130	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.6	5.1	6.8
61	9	131	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	5.0	6.6
61	9	132	1	1	1	10	10	20	0	0	0	0	0	0	0	0	0	0	4.5	6.0	7.6	9.3	10.5	11.9	12.8	13.8	14.9	16.7
61	9	133	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	0	4.9	5.7	6.6	7.4	8.2	8.9	9.5	10.1	10.9	12.0
61	9	134	1	1	1	11	13	13	0	0	0	0	0	0	0	0	0	0	.0	4.2	4.9	5.3	5.8	6.0	6.2	6.4	6.7	7.1
61	9	135	1	1	1	10	12	22	0	0	0	0	0	0	0	0	0	0	7.0	7.8	8.8	9.6	10.2	10.8	11.0	11.5	11.8	12.3
61	9	136	1	1	1	10	10	21	0	0	0	0	0	0	0	0	0	3	5.0	6.2	7.5	8.7	9.7	10.5	11.2	12.1	12.8	13.8
61	9	137	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.3	4.9	5.6	6.2	6.9	7.5	8.1	9.4
61	9	138	1	1	1	21	23	23	0	0	0	0	0	0	0	0	0	62	20.3	20.9	21.6	22.1	22.6	22.9	23.0	23.4	23.6	24.0
61	9	139	2	2	2	32	33	32	0	65	52	3	0	0	30	0	0	0	30.3	30.7	31.0	31.6	31.9	32.2	32.3	32.4	32.8	33.3
61	9	140	2	2	2	42	44	44	0	64	0	0	0	0	0	0	0	98	33.4	33.8	34.1	34.5	34.9	34.9	35.0	35.0	35.3	35.3
61	9	141	2	2	2	32	33	34	0	3	0	0	0	0	30	0	0	0	42.4	42.8	43.3	43.7	44.0	44.3	44.3	44.6	44.6	44.8
61	9	142	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.9	5.1	6.0	7.6
61	9	143	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.5
61	9	144	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.9	6.2
61	9	145	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	0	.0	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.5	9.6
61	9	146	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.7	4.5	6.1
61	9	147	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.3
61	9	148	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.0
61	9	149	1	1	1	10	11	21	0	0	0	0	0	14	0	0	0	0	5.6	6.4	8.2	9.5	10.5	11.1	11.6	12.4	13.0	14.0
61	9	150	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	4.0	4.6	5.3	6.0	7.3
61	9	151	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.0	4.3	4.6	4.9	5.3	5.6	6.1
61	9	152	1	1	1	10	21	22	0	0	0	0	0	0	0	0	0	0	8.2	9.4	11.0	11.9	12.9	13.6	14.0	14.6	15.3	16.0
61	9	153	1	1	1	10	11	22	0	0	0	0	0	0	0	0	0	0	6.7	7.9	9.3	10.5	11.4	12.1	12.7	13.4	14.0	14.7
61	9	154	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.9	4.5	6.0
61	9	155	1	1	1	10	11	12	0	0	0	0	0	14	0	0	0	0	3.8	4.8	6.0	7.0	7.7	8.5	9.0	9.7	10.2	11.0
61	9	156	1	1	1	10	10	22	0	0	0	0	0	0	0	0	0	0	5.9	7.0	8.6	9.5	10.2	10.9	11.6	12.3	12.8	13.5
61	9	157	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	5.1	6.0	7.6
61	9	158	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.7	4.4	5.3	6.1	7.7
61	9	159	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	5.1	5.9	6.5	8.0
61	9	160	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.6	4.3	5.8	8.1
61	9	161	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.7	6.0	5.9	8.3
61	9	162	1	1	1	12	13	13	0	0	0	0	0	0	0	0	0	0	4.5	4.7	5.0	5.3	5.5	5.7	5.8	6.1	6.3	6.7
61	9	163	1	1	1	11	10	10	0	0	0	0	0	0	0	0	0	0	.0	3.8	4.5	5.2	5.9	6.6	7.3	8.0	8.8	10.1
61	9	164	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	4.9	6.4
61	9	165	1	1	1	11	11	12	0	0	0	0	0	0	0	0	0	14	4.2	4.7	5.2	5.7	6.2	6.7	7.2	7.7	8.3	9.1
61	9	166	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.4	9.5
61	9	167	1	1	1	1X	11	13	0	0	0	0	0	33	0	0	0	0	.0	.0	3.8	5.6	6.4	7.1	7.8	8.1	8.4	8.6
61	9	168	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.7
61	9	169	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.9	4.3	6.2
61	9	170	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.9	4.3	4.9	6.7
61	9	171	1	1	1	10	21	22	0	0	0	0	0	0	0	0	0	3	7.2	8.5	10.2	11.5	12.3	13.2	13.7	14.4	14.8	15.5
61	9	172	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	4.7	5.2	6.4
61	9	173	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	3.9	4.5	5.3	6.0	6.8	7.5	8.2	9.9
61	9	174	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.9	4.6	5.3	6.0	7.6
61	9	175	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	33	.0	3.8	4.8	5.8	7.2	8.0	8.7	9.2	9.8	10.5
61	9	176	1	1	1	10	12	13	0	0	0	0	0	0	0	0	0	2	.0	3.8	5.2	6.2	7.1	7.5	7.9	8.2	8.4	8.6
61	9	177	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	3	.0	4.0	4.3	4.7	4.9	5.3	5.7	6.0	6.3	6.8
61	9	178	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	3	.0	.0	4.0	4.3	4.7	5.1	5.6	6.0	6.2	6.9
61	9	179	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.6	6.1
61	9	180	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	.0	4.0	4.8	6.0
61	9	181	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	4.6	5.0	5.3	5.7	6.1	6.4	6.8	7.2	7.6	8.3
61	9	182	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	5.0	5.8	6.6
61	9	183	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	5.1	6.0	7.2
61	9	184	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	7.9	8.5
61	9	185	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	7.0
61	9	186	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.9
61	9	187	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.1	6.8
61	9	188	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.6	4.6	6.1
61	9	189	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	4.3	5.1	6.0	7.6
61	9	190	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.3	5.7	6.8	7.9	8.5	9.3	9.9	10.9

61	9	191	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.7	4.4	5.1	6.8
61	9	192	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	5.1	6.0	7.5
61	9	193	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	3	.0	.0	.0	.0	.0	.0	4.0	4.9	5.9	7.6
61	9	194	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.0	6.7
61	9	195	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.3	5.0	5.8	6.6	8.4
61	9	196	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.9	4.6	5.2	6.0	7.8
61	9	197	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	5.0	5.7	6.4	8.1
61	9	198	1	1	1	13	12	13	0	0	0	0	0	0	0	0	0	3	4.8	5.1	5.3	5.7	5.9	6.2	6.5	6.8	7.1	7.5
61	9	199	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.6	4.5	6.0	8.0
61	9	200	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	3.7	5.3	6.5	7.6	8.5	9.3	10.5
61	9	201	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.8	5.5	7.1
61	9	202	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	3.6	4.4	5.2	6.0	7.2	8.2	9.1
61	9	203	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.3	5.0	5.8	6.5	8.0
61	9	204	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	3.9	4.6	5.4	6.2	7.0	8.5
61	9	205	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.7	4.4	5.0	6.6
61	9	206	1	1	1	22	24	24	0	0	0	0	0	0	30	0	0	0	20.3	20.6	20.9	21.2	21.6	21.9	21.9	22.0	22.3	22.3
61	9	207	1	1	1	22	22	23	0	0	0	0	0	0	30	0	0	0	20.2	20.7	20.9	21.4	22.0	22.3	22.7	22.9	23.2	23.6
61	9	208	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.2	7.2
61	9	209	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.8	4.4	5.1	6.0	6.9
61	9	210	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.3
61	9	211	1	1	1	23	24	24	0	0	0	0	0	0	0	0	0	0	13.8	14.0	14.2	14.3	14.5	14.5	14.5	14.6	14.6	14.6
61	9	212	1	1	1	20	21	20	0	4	0	0	0	0	0	0	0	0	27.2	28.0	28.9	29.6	30.3	30.8	31.3	31.8	33.1	35.6
61	9	213	1	1	1	24	24	24	0	0	0	0	0	0	0	0	24	24	17.4	17.4	17.4	17.5	17.5	17.6	17.8	17.9	18.0	18.1
61	9	214	1	1	1	21	22	22	0	0	0	0	0	0	0	0	30	0	20.3	20.9	21.7	22.1	22.6	23.2	23.4	23.9	24.5	25.1
61	9	215	1	1	1	23	24	24	0	0	0	0	0	0	30	30	30	3	17.9	18.1	18.3	18.5	18.7	18.7	18.7	18.7	18.8	18.8
61	9	216	1	1	1	22	23	24	0	0	0	0	0	0	30	0	30	0	19.2	19.6	19.9	20.3	20.7	20.9	21.1	21.1	21.3	21.5
61	9	217	1	1	1	21	22	22	0	0	0	0	0	0	30	30	30	0	19.0	19.5	19.8	20.5	21.1	21.4	21.7	22.1	22.6	23.1
61	9	218	1	1	1	22	22	24	0	0	0	0	0	0	42	43	42	0	22.6	23.0	23.4	23.8	24.2	24.6	25.0	25.2	25.3	25.4
61	9	219	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	5.1	6.0	7.3
61	9	220	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	.0	4.1	4.8	6.4
61	9	221	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.9	5.2	7.7
61	9	222	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	3.8	4.4	5.0	6.2
61	9	223	1	1	1	1X	13	12	0	0	0	0	0	0	0	0	0	2	.0	.0	.0	4.2	4.6	4.9	5.2	5.3	5.7	6.1
61	9	224	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	.0	4.3	5.0	6.8
61	9	225	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.8
61	9	226	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	5.0	6.0	8.2
61	9	227	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	3.6	4.3	5.2	6.0	7.2
61	9	228	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	.0	3.8	4.5	6.0
61	9	229	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	.0	3.9	4.6	6.1
61	9	230	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	.0	3.6	4.3	6.0
61	9	231	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	2	.0	.0	.0	.0	.0	.0	.0	3.7	5.0	7.5
61	9	232	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.1	6.6
61	9	233	1	1	1	1X	1X	11	0	0	0	C	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.6	5.3	6.7
61	9	234	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	.0	4.0	4.5	6.0
61	9	235	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	4.0	4.6	5.0	6.4
61	9	236	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.7	4.5	6.8
61	9	237	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	4.3	5.1	6.0	7.5
61	9	238	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	4.0	4.7	5.4	7.0
61	9	239	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	.0	3.8	4.5	6.2
61	9	240	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	4.7	5.2	7.7
61	9	241	1	1	1	1X	10	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.1	5.1	6.0	6.9	7.6	8.0
61	9	242	1	1	1	1X	10	12	0	0	0	0	0	0	0	0	0	51	.0	.0	.0	.0	4.0	5.0	5.8	6.7	7.5	8.1
61	9	243	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.0	7.5
61	9	244	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.7	6.3
61	9	245	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	.0	4.0	5.2	7.8
61	9	246	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	.0	3.9	5.0	7.1
61	9	247	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.3	5.7	7.6	8.4	9.1	10.0	10.6	11.7
61	9	248	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.8
61	9	249	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	0	.0	4.2	4.7	5.2	5.7	6.2	6.7	7.2	7.7	8.7
61	9	250	2	2	2	4X	4X	4X	0	0	90	0	0	0	0	0	0	0	29.1	29.1	29.1	.0	.0	.0	.0	.0	.0	.0
61	9	251	2	2	2	44	44	4X	0	0	52	0	0	0	52	92	0	0	31.2	31.3	31.5	31.5	31.7	31.7	31.7	32.0	.0	.0
61	9	252	2	2	2	44	4X	4X	0	64	52	9	0	0	92	0	0	0	27.0	27.1	27.1	27.1	27.2	27.2	27.3	.0	.0	.0
61	9	253	1	1	1	14	1X	1X	0	33	2	0	0	4	95	0	0	0	5.2	5.3	5.4	5.5	5.5	5.5	5.6	.0	.0	.0
61	9	254	1	1	1	12	1X	1X	0	13	0	0	91	0	0	0	0	0	4.9	5.3	6.0	6.2	6.2	.0	.0	.0	.0	.0
61	9	255	2	2	2	43	44	44	0	0	52	9	0	13	30	0	0	98	26.0	26.2	26.6	26.6	26.7	26.9	26.9	26.9	27.0	27.0
61	9	256	2	2	2	44	44	44	0	64	52	0	0	0	0	0	0	92	37.4	37.5	37.5	37.6	37.8	37.8	37.8	37.8	37.9	38.2
61	9	257	1	1	1	23	24	24	0	3	0	0	0	0	30	0	0	92	13.9	14.1	14.3	14.5	14.6	14.8	14.8	14.8	14.9	14.9

TABLE 1.10:

PLOT NO.	SUB PLOT NO.	TREE NO.	AGE CLASS			AGE-VIGOR			TREE CONDITION CODE										D.B.H. (INCHES)									
			20	40	60	I	II	III	1920	25	30	35	40	45	50	55	60	70	1920	25	30	35	40	45	50	55	60	70
61	10	1	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	1	1	.0	.0	.0	.0	.0	4.0	4.6	5.3	6.0	7.7
61	10	2	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.4	6.3	7.5	8.1	8.9	9.8	10.7	11.6
61	10	3	1	1	1	10	21	23	0	0	0	0	0	0	0	0	0	0	8.9	10.0	11.4	12.8	13.2	13.7	14.2	14.7	15.0	15.4
61	10	4	1	1	1	20	20	21	0	0	0	0	0	0	0	0	0	0	10.6	11.7	13.2	14.1	15.0	16.0	16.6	17.1	17.8	18.6
61	10	5	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	3	4.7	5.8	7.2	8.2	9.0	9.7	10.3	10.8	11.4	12.2
61	10	6	1	1	1	12	12	13	0	0	0	0	0	0	0	0	0	0	4.5	5.0	5.5	6.0	6.4	7.0	7.2	7.4	7.6	7.8
61	10	7	1	1	1	1X	11	12	0	0	0	0	0	0	0	0	0	0	.0	.0	4.2	5.2	6.0	6.8	7.4	7.8	8.2	9.0
61	10	8	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	5.0	6.5
61	10	9	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	5.0	6.6
61	10	10	2	2	2	42	43	43	0	0	52	0	0	0	0	0	60	0	32.8	32.8	33.2	33.6	33.9	34.2	34.3	34.4	34.8	34.8
61	10	11	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.0
61	10	12	1	1	1	21	23	23	0	0	34	0	0	0	32	32	0	0	21.2	21.8	22.6	23.0	23.6	23.7	24.1	24.3	24.5	24.8
61	10	13	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.7	5.4	6.1	7.3
61	10	14	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	4.4	4.8	5.2	5.6	6.0	6.4	6.8	7.2	7.6	8.4
61	10	15	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.2	5.7	6.7	7.6	8.1	8.9	9.6	10.5
61	10	16	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	3.6	5.0	5.8	6.5	7.3	7.8	8.3	9.5
61	10	17	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	3.6	4.4	5.2	6.0	6.8	8.3
61	10	18	2	2	2	33	34	33	0	0	0	0	0	0	0	0	0	0	27.4	27.6	27.7	28.0	28.1	28.3	28.4	28.5	28.7	29.1
61	10	19	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	3	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.8
61	10	20	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.3	5.0	5.7	6.3	7.0	8.3

61	10	21	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	5.0	7.1
61	10	22	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.9	4.8	6.8
61	10	23	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.8	6.0
61	10	24	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.3
61	10	25	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.9	6.4
61	10	26	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.7	4.5	5.3	6.8
61	10	27	1	1	1	20	21	22	0	0	0	0	0	0	0	0	3	7.9	9.0	10.3	11.3	12.2	12.9	13.4	14.0	14.6	15.3
61	10	28	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	5.0	5.8	6.7	8.3
61	10	29	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.8
61	10	30	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	4.8	6.2
61	10	31	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.2
61	10	32	1	1	1	10	10	10	0	0	0	0	0	0	0	0	0	.0	4.0	4.7	5.4	6.2	6.9	7.6	8.4	9.3	10.6
61	10	33	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.3	5.0	5.7	7.2
61	10	34	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.3
61	10	35	1	1	1	1X	12	13	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.2	4.6	5.0	5.3	5.6	5.8	6.3
61	10	36	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.3
61	10	37	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.1	4.6	5.0	5.4	5.8	6.3
61	10	38	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	.0	4.0	4.6	5.3	6.0	6.6	7.3	8.0	8.9	10.0
61	10	39	1	1	1	10	22	22	0	2	0	0	0	0	0	0	0	10.2	11.3	12.6	13.4	14.1	14.5	14.9	15.4	15.7	16.6
61	10	40	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.5	5.1	7.2
61	10	41	1	1	1	10	12	12	0	33	0	0	0	0	0	0	3	5.3	6.4	7.8	8.9	9.7	10.3	10.6	11.0	11.5	12.2
61	10	42	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	3.9	5.0	6.4	7.0	8.3	8.8	9.3	10.0	10.6	11.4
61	10	43	1	1	1	10	12	12	0	0	0	0	0	0	0	0	3	5.1	6.0	7.1	7.9	8.6	9.0	9.3	9.8	10.2	10.7
61	10	44	1	1	1	10	22	22	0	0	0	0	0	0	0	0	0	6.1	7.7	10.9	11.7	12.4	13.0	13.3	13.8	14.2	14.8
61	10	45	1	1	1	10	12	22	0	0	0	0	0	0	0	0	0	7.9	8.8	10.1	10.8	11.5	11.7	12.2	12.7	13.2	13.8
61	10	46	1	1	1	10	11	12	0	0	0	0	0	0	34	0	3	.0	3.9	4.8	5.9	6.7	7.4	7.9	8.2	8.8	9.5
61	10	47	1	1	1	10	21	21	0	0	0	0	0	0	0	0	0	8.4	9.3	10.5	11.4	12.1	12.9	13.5	14.2	14.9	15.9
61	10	48	1	1	1	10	22	22	0	0	0	0	0	0	0	0	3	9.6	10.7	11.8	12.9	13.9	14.3	14.8	15.3	15.9	16.7
61	10	49	1	1	1	10	22	22	0	3	0	0	0	0	0	0	0	9.7	10.4	11.3	12.0	12.6	13.0	13.2	13.6	14.0	14.6
61	10	50	1	1	1	11	12	12	0	0	0	0	0	0	0	0	3	4.6	5.3	6.0	6.6	7.3	7.6	8.0	8.2	8.5	9.0
61	10	51	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	4.3	5.1	6.2	6.8	7.5	7.7	8.0	8.3	8.7	9.3
61	10	52	1	1	1	10	22	23	0	0	0	0	0	0	0	0	0	8.7	9.5	10.6	11.3	11.9	12.3	12.6	13.1	13.4	13.9
61	10	53	1	1	1	10	21	22	0	0	0	0	0	0	0	0	0	8.8	9.6	10.6	11.4	12.1	12.7	13.1	13.8	14.0	14.8
61	10	54	1	1	1	11	13	13	0	0	0	0	0	0	0	0	0	7.8	8.4	9.2	9.6	10.1	10.4	10.5	10.8	11.0	11.3
61	10	55	1	1	1	10	11	22	0	2	0	0	0	0	0	0	0	6.1	7.1	8.2	9.1	10.1	10.7	11.1	11.6	12.1	12.9
61	10	56	1	1	1	12	13	13	0	0	0	0	0	0	0	0	0	4.9	5.3	5.6	6.1	6.5	6.8	7.0	7.2	7.4	7.7
61	10	57	1	1	1	10	21	21	0	33	0	0	0	0	0	0	0	7.8	9.0	10.3	11.3	12.5	13.1	13.8	14.5	15.4	16.4
61	10	58	1	1	1	10	21	21	0	0	0	0	0	0	0	0	0	9.4	10.4	11.4	12.5	13.3	13.7	14.2	14.8	15.6	16.4
61	10	59	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	.0	4.4	5.7	6.8	7.6	8.2	8.8	9.5	10.1	11.1
61	10	60	1	1	1	10	21	21	0	0	0	0	0	0	0	0	0	8.2	9.2	10.4	11.4	12.3	12.9	13.6	14.3	14.9	16.0
61	10	61	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	.0	3.8	4.4	5.1	5.8	6.4	7.1	7.8	8.4	9.8
61	10	62	1	1	1	10	10	11	0	0	0	0	0	0	0	0	0	.0	3.6	5.4	6.7	8.0	8.5	9.4	10.2	10.9	11.9
61	10	63	1	1	1	10	11	12	0	0	0	0	0	0	0	0	3	4.4	5.5	6.8	7.9	8.9	9.5	10.1	10.8	11.4	12.1
61	10	64	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.2	7.8
61	10	65	1	1	1	11	12	23	0	0	0	0	0	0	0	0	3	7.8	8.5	9.2	10.0	10.5	10.9	11.2	11.6	11.9	12.3
61	10	66	1	1	1	10	11	22	0	0	0	0	0	0	0	0	3	8.2	9.0	9.9	10.7	11.5	12.0	12.4	13.0	13.5	14.3
61	10	67	1	1	1	10	12	12	0	33	2	0	0	0	0	0	3	5.4	6.2	7.0	7.7	8.4	8.8	9.2	9.7	10.3	11.0
61	10	68	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	35	.0	.0	.0	.0	.0	.0	.0	3.8	5.0	6.8
61	10	69	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	35	.0	.0	.0	.0	3.7	4.8	5.8	6.3	7.0	8.7
61	10	70	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	5.0	7.4
61	10	71	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.9	5.1	7.3
61	10	72	2	2	2	32	33	34	0	0	0	0	0	0	0	0	0	28.4	28.8	29.3	29.7	30.0	30.3	30.3	30.5	30.5	30.8
61	10	73	2	2	2	33	34	32	0	0	0	0	0	0	0	0	52	31.3	31.5	31.8	31.9	32.0	32.2	32.2	32.3	32.5	33.1
61	10	74	1	1	1	22	22	22	0	0	0	0	0	0	0	0	0	16.5	16.9	17.4	17.8	18.2	18.6	18.9	19.2	19.6	20.4
61	10	75	1	1	1	23	24	24	0	0	0	0	0	0	0	0	0	21.1	21.3	21.4	21.7	22.0	22.0	22.1	22.1	22.1	22.1
61	10	76	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.7	4.8	5.9	8.1
61	10	77	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.4
61	10	78	1	2	2	32	33	32	0	0	0	0	0	0	0	0	3	32.0	32.3	32.5	32.8	33.1	33.4	33.6	33.8	34.1	34.8
61	10	79	2	2	2	42	43	43	0	62	0	0	0	0	0	0	0	19.0	19.3	19.6	19.9	20.1	20.4	20.6	20.7	20.9	21.4
61	10	80	1	1	1	10	10	21	0	0	0	0	0	0	0	0	0	4.5	5.4	6.8	8.0	9.2	10.0	10.7	11.3	12.1	13.1
61	10	81	1	1	1	10	11	22	0	0	0	0	0	0	0	0	3	6.9	7.9	9.0	9.8	10.8	11.5	11.9	12.5	13.1	13.8
61	10	82	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	4.4	5.1	5.9	6.5	7.1	7.5	7.9	8.2	8.6	9.1
61	10	83	1	1	1	10	13	12	0	0	0	0	0	0	0	0	3	5.1	6.3	7.4	8.1	9.8	9.4	9.8	10.3	10.8	11.5
61	10	84	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	4.8	6.0	7.3	8.1	9.7	9.7	10.1	10.6	11.2	12.0
61	10	85	1	1	1	10	20	21	0	0	0	0	0	0	0	0	0	8.4	9.6	10.9	12.1	13.3	14.2	14.9	15.6	16.3	17.1
61	10	86	1	1	1	1X	12	13	0	0	0	0	0	0	0	0	0	.0	.0	4.2	4.7	5.2	5.7	5.9	6.1	6.3	6.8
61	10	87	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.4
61	10	88	2	2	2	32	32	32	0	5	0	0	0	0	0	0	0	19.9	20.4	21.0	21.3	21.8	22.3	22.7	23.2	23.4	24.0
61	10	89	2	2	2	32	32	32	0	0	0	0	0	0	0	0	0	26.5	26.8	27.1	27.4	27.8	28.1	28.3	28.6	28.8	29.6
61	10	90	2	2	2	32	33	33	0	0	0	0	0	0	0	0	0	25.7	26.0	26.1	26.6	26.8	27.0	27.1	27.3	27.4	27.8
61	10	91	2	2	2	33	33	33	0	0	0	0	0	0	0	0	0	26.2	26.4	26.7	26.8	27.1	27.4	27.5	27.6	27.8	28.2
61	10	92	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	4.6	5.6	6.8	7.7	8.5	9.5	10.0	10.5	11.0	11.7
61	10	93	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.9	6.2
61	10	94	1	1	1	10	12	22	0	0	0	0	0	0	0	0	0	4.2	5.0	6.0	6.6	7.4	7.8	8.2	8.5	9.1	9.6
61	10	95	1	1	1	10	21	23	0	33	0	0	0	0	0	0	3	8.8	9.5	10.5	11.1	11.7	12.3	12.7	13.2	13.5	13.9
61	10	96	1	1	1	10	11	22	0	0	0	0	0	0	0	0	0	7.9	8.6	9.5	10.2	10.8	11.4	11.9	12.4	12.9	13.3
61	10	97	1	1	1	12	12	14	0	0	0	0	0	0	0	0	0	.0	3.7	4.0	4.2	4.6	5.0	5.0	5.6	5.7	6.0
61	10	98	1	1	1	10	11	22	0	0	0	0	0	0	0	0	0	7.2	7.9	9.1	9.8	10.7	11.3	11.8	12.5	13.1	13.9
61	10	99	1	1	1	10	10	21	0	0	0	0	0	0	0	0	0	3.8	5.2	7.0	8.3	9.3	10.2	10.9	11.8	12.4	13.3
61	10	100	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	5.5	5.9	6.2	6.6	7.0	7.3	7.7	8.1	8.4	9.2
61	10	101	1	1	1	1X	12	13	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.0	4.3	4.7	5.1	5.4	5.6	6.0
61	10	102	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.7	5.5	6.3	8.0
61	10	103	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	2	.0	.0	.0	.0	.0	4.2	4.8	5.7	6.4	7.9
61	10	104	1	1	1	1X	11	13	0	0	33	0	0	0	0	0	0	.0	.0	3.8	5.0	5.8	6.6	7.0	7.4	7.7	8.0
61	10	105	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	.0	.0	4.3	5.5	6.5	7.5	8.0	8.7	9.4	10.3
61	10	106	1	1	1	10	20	21	0	35	2	0	0	0	0	0	3	6.6	8.3	10.4	11.8	13.3	14.5	15.1	15.7	16.3	17.4
61	10	107	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	.0	4.1	4.9	5.8	6.6	7.4	7.8	8.4	8.8	9.6
61	10	108	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.9	4.6	5.3	6.9
61	10	109	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	.0	4.0	5.4	6.5	7.6	8.4	9.1	9.7	10.2	11.2
61	10	110	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	.0	.0	4.3	5.6	6.6	7.6	8.2	8.8	9.7	11.0
61	10	111	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	5.0	5.3	5.6	5.9	6.2	6.6	7.0	7.4	7.8	8.4
61	10	112	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.6	6.2
61	10	113	1	1	1	10	11	13	0	0	0	0	0	0	0	0	0	5.2	6.2	7.5	8.5	9.2	9.9	10.3	10.8	11.1	11.5
61	10	114	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	4.1	4.6	5.1	5.6	6.1	6.6	7.1	7.6	8.1	9.1
61	10	115	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	5.0	5.7	6.4	8.0
61	10	116	1	1	1	10	21	21	0	33	0	0	0	0	30	0	52	8.4	9.7	11.3	12.4	13.6	14.5	14.9	15.5	16.1	17.2
61	10	117	2	2	2	42	43	42	0	0	52	0	0	0	0	0	0	30.0	30.3	30.7	30.9	31.3	31.6	31.7	31.8	32.1	32.6
61	10	118	1	1	1	10	21	22	0	33	3	0	0	0	0	0	0	7.6	8.8	10.1	11.1	12.2	13.0	13.5	14.1	14.6	15.3
61	10	119	1	1	1	12	13	14	0	0	0	0	0	0	0	0	9	5.4	5.7	6.0	6.3	6.5	6.7	6.9	7.1	7.3	7.5
61	10	120	1	1	1	10	20	20	0	0	0	0	0	0	0	0	0	8.2	9.5	11.3	12.4	13.5	14.4	15.2	15.9	16.7	18.1

61	10	121	1	1	1	13	13	13	0	0	0	0	0	0	0	0	0	0	4.2	4.3	4.5	4.7	5.0	5.3	5.5	5.7	5.9	6.3
61	10	122	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.3
61	10	123	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	3.9	4.6	5.3	6.0	6.8	8.2
61	10	124	1	1	1	10	10	11	0	0	0	0	0	0	0	0	0	0	.0	4.0	5.2	6.6	7.7	8.7	9.2	9.9	10.6	11.6
61	10	125	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.6
61	10	126	1	1	1	10	10	21	0	0	0	0	0	0	0	0	0	0	3.9	5.4	7.4	8.8	9.8	10.7	11.5	12.0	12.7	13.5
61	10	127	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	0	4.3	4.8	5.3	5.8	6.3	6.8	7.3	7.8	8.3	9.3
61	10	128	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	4.6	5.3	7.1
61	10	129	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.5
61	10	130	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	1	.0	.0	.0	.0	.0	.0	.0	4.0	4.9	6.1
61	10	131	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.2	5.0	5.7	6.3	7.0	7.6	8.3	9.3
61	10	132	1	1	1	1X	10	12	0	0	0	0	0	0	0	0	0	3	.0	.0	4.0	4.8	5.4	6.2	7.0	7.8	8.2	8.7
61	10	133	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.3	5.5	6.5	7.6	7.9	8.5	9.2	10.0
61	10	134	1	1	1	1X	10	13	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.0	4.9	6.5	7.3	7.6	8.0
61	10	135	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	.0	.0	3.9	4.7	6.0
61	10	136	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.0	7.6
61	10	137	1	1	1	11	12	22	0	0	14	0	0	0	0	0	0	0	9.0	9.6	10.4	11.0	11.5	12.0	12.3	12.6	13.0	13.5
61	10	138	1	1	1	20	21	22	0	0	0	3	0	0	0	0	0	0	11.2	12.3	13.7	14.6	15.6	16.3	17.0	17.6	18.1	19.0
61	10	139	1	1	1	10	11	11	0	2	0	0	0	0	0	0	0	0	4.9	5.7	6.6	7.2	8.1	8.8	9.5	10.0	10.7	11.6
61	10	140	1	1	1	10	13	13	0	0	0	0	0	0	0	0	0	52	6.2	/.0	8.1	8.8	9.3	9.6	9.8	10.0	10.3	10.7
61	10	141	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	0	.0	4.0	4.6	5.2	5.8	6.4	7.0	7.6	8.3	9.4
61	10	142	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	2	.0	.0	.0	.0	.0	.0	.0	4.2	4.9	6.3
61	10	143	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.6	4.3	5.0	6.4
61	10	144	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.1	4.8	5.4	6.0	7.2
61	10	145	1	1	1	10	10	12	0	0	0	0	0	0	0	0	0	0	.0	3.5	4.8	6.4	7.7	8.7	9.2	9.9	10.5	11.3
61	10	146	1	1	1	10	10	12	0	0	0	0	0	0	0	0	0	3	.0	3.7	5.1	6.8	8.2	8.9	9.7	10.9	11.0	12.2
61	10	147	1	1	1	1X	11	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	3.8	5.1	6.1	6.1	7.0	7.8	8.2
61	10	148	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.5
61	10	149	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.9	6.4
61	10	150	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.3	5.2	6.4	7.3	7.9	8.5	9.1	10.1
61	10	151	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.9	4.6	5.2	5.9	7.3
61	10	152	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	2	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.5
61	10	153	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	3.6	5.1	6.3	7.4	8.0	8.6	9.4	10.4
61	10	154	1	1	1	1X	12	13	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	3.8	4.8	5.5	5.8	6.1	6.4	6.9
61	10	155	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.3	5.2	6.6	7.4	8.0	8.6	9.4	10.7
61	10	156	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.1	5.0	5.7	6.5	8.0
61	10	157	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.8	4.6	5.1	6.7
61	10	158	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.1	7.7
61	10	159	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.7	4.9	7.4
61	10	160	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.3
61	10	161	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.8
61	10	162	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	3	.0	.0	.0	.0	.0	.0	4.2	5.0	5.8	7.4
61	10	163	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	0	.0	3.5	4.6	6.0	7.2	8.0	8.6	9.2	9.9	10.8
61	10	164	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.0	6.3
61	10	165	1	1	1	10	10	21	0	33	0	0	0	0	0	0	0	0	4.8	6.5	8.4	10.1	11.5	12.5	13.3	14.1	14.7	16.0
61	10	166	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.1	4.7	5.3	6.0	7.2
61	10	167	2	2	2	42	43	43	0	5	0	0	0	0	0	0	0	0	17.9	18.2	18.5	18.9	19.2	19.3	19.4	19.7	19.7	20.1
61	10	168	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	.0	3.6	4.8	5.8	6.8	7.4	7.9	8.6	9.2	10.0
61	10	169	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	4.6	5.6	6.8	7.8	8.6	9.2	9.6	10.2	10.7	11.3
61	10	170	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	.0	3.6	4.6	5.8	6.8	7.7	8.2	8.9	9.4	10.1
61	10	171	1	1	1	12	13	13	0	0	0	0	0	0	0	0	0	1	4.1	4.4	4.7	5.0	5.2	5.4	5.6	5.8	6.0	6.4
61	10	172	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.2
61	10	173	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	3.9	4.6	5.3	6.1	6.8	7.6	8.3	9.8
61	10	174	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	3.8	4.8	5.7	6.7	7.7	8.7	10.6
61	10	175	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	5.5	5.8	6.1	6.4	6.7	7.0	7.3	7.6	7.9	8.5
61	10	176	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	5.3	5.6	5.9	6.2	6.5	6.8	7.1	7.4	7.7	8.3
61	10	177	1	1	1	1X	11	12	0	0	0	0	0	0	0	0	0	0	.0	.0	4.3	5.6	6.5	7.3	7.7	8.4	8.9	9.8
61	10	178	1	1	1	1X	13	13	0	0	0	0	0	0	0	0	0	33	.0	.0	3.7	4.5	5.1	5.6	5.6	5.9	6.2	6.6
61	10	179	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	4.4	5.4	6.5	7.5	8.3	8.8	9.3	9.8	10.3	10.9
61	10	180	1	1	1	10	20	21	0	0	0	0	0	0	0	0	0	0	8.0	9.2	10.6	11.9	12.9	13.6	14.2	15.0	15.7	16.6
61	10	181	1	1	1	11	13	13	0	33	0	0	0	0	0	0	0	0	4.4	5.1	5.9	6.6	7.2	7.4	7.6	7.9	8.1	8.5
61	10	182	1	1	1	10	21	22	0	33	3	0	0	0	0	0	0	0	7.8	8.9	10.1	11.3	12.3	12.9	13.5	14.1	14.7	15.4
61	10	183	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	0	4.2	4.7	5.3	5.8	6.4	6.9	7.4	8.0	8.6	9.6
61	10	184	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.7	6.1
61	10	185	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.3
61	10	186	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	4.9	5.9	7.0	7.9	8.8	9.4	10.0	10.4	10.8	11.8
61	10	187	1	1	1	10	12	22	0	0	3	0	0	0	0	0	0	52	7.3	8.3	9.6	10.3	11.3	11.9	12.2	12.7	13.2	13.7
61	10	188	1	1	1	10	12	22	0	0	0	0	0	0	0	0	0	52	8.5	9.2	10.0	10.7	11.4	11.8	12.1	12.6	13.1	13.6
61	10	189	1	1	1	12	13	13	0	0	0	0	0	0	0	0	0	0	6.3	6.6	7.0	7.3	7.6	7.8	7.9	8.1	8.2	8.6
61	10	190	1	1	1	11	12	23	0	0	0	0	0	0	0	0	0	0	8.4	9.1	10.0	10.5	11.1	11.6	12.0	12.4	12.7	13.0
61	10	191	1	1	1	13	13	14	0	0	0	0	0	0	0	0	0	14	5.5	5.7	5.9	6.0	6.2	6.4	6.5	6.6	6.7	6.8
61	10	192	1	1	1	12	12	13	0	0	0	0	0	0	0	0	0	0	5.9	6.4	6.9	7.3	7.8	8.1	8.3	8.6	8.8	9.1
61	10	193	1	1	1	12	13	13	0	0	0	0	0	0	0	0	0	0	3.8	4.1	4.4	4.7	5.1	5.4	5.6	5.8	6.0	6.3
61	10	194	1	1	1	13	13	13	0	0	0	0	0	0	0	0	0	3	5.4	5.7	5.9	6.2	6.4	6.5	6.7	6.9	7.1	7.5
61	10	195	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	5.7	6.0	6.3	6.6	6.9	7.2	7.5	7.8	8.2	8.7
61	10	196	1	1	1	12	12	11	0	0	0	0	0	0	0	0	0	30	6.4	6.9	7.5	7.9	8.3	8.6	9.0	9.2	9.5	10.9
61	10	197	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	14	6.2	6.7	7.4	7.9	8.3	8.7	9.0	9.2	9.5	10.0
61	10	198	1	1	1	11	12	13	0	0	0	0	0	0	0	0	0	3	6.9	7.4	8.1	8.6	9.0	9.5	9.8	10.1	10.5	10.9
61	10	199	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	3	.0	.0	.0	.0	.0	.0	4.1	5.0	5.9	7.7
61	10	200	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	5.5	5.8	6.1	6.4	6.7	7.0	7.3	7.6	7.9	8.5
61	10	201	1	1	1	12	13	13	0	35	9	0	0	0	0	0	0	14	4.2	4.5	4.8	5.0	5.4	5.6	5.8	5.9	6.1	6.4
61	10	202	1	1	1	10	12	23	0	35	3	0	0	0	0	0	0	0	7.9	8.6	10.1	10.1	10.8	11.0	11.3	11.7	12.0	12.3
61	10	203	1	1	1	11	12	13	0	35	0	0	0	0	0	0	0	0	5.3	5.9	6.6	7.2	7.8	8.1	8.5	8.8	9.1	9.4
61	10	204	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.4	5.6	7.9
61	10	205	1	1	1	10	10	11	0	0	0	0	0	0	0	0	0	0	.0	4.4	5.3	6.5	7.3	8.0	8.8	9.7	10.2	11.5
61	10	206	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	10	.0	.0	.0	.0	.0	.0	3.9	4.6	5.0	6.2
61	10	207	1	1	1	11	13	14	0	35	1	0	0	11	0	0	0	0	5.5	6.1	7.1	7.6	8.0	8.3	8.4	8.6	8.7	8.7
61	10	208	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	7.3	8.2	9.2	10.0	10.9	11.2	11.8	12.4	12.8	13.3
61	10	209	1	1	1	12	14	13	0	0	0	0	0	0	0	0	0	4	3.7	4.1	4.6	4.9	5.3	5.4	5.6	5.7	5.9	6.2
61	10	210	1	1	1	10	11	22	0	0	0	0	0	0	0	0	0	30	7.6	8.4	9.3	10.2	10.9	11.5	12.0	12.7	13.1	14.0
61	10	211	1	1	1	10	21	21	0	0	0	0	0	0	0	0	0	30	8.7	9.5	10.5	11.2	12.0	12.6	13.1	13.8	14.4	15.3
61	10	212	1	1	1	12	10	12	0	0	0	0	0	0	0	0	0	3	6.8	7.2	7.8	8.4	8.5	9.4	9.9	10.8	10.9	11.6
61	10	213	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	0	6.9	7.3	8.5	8.5	9.0	9.5	9.9	10.3	10.6	11.1
61	10	214	1	1	1	10	21	21	0	0	0	0	0	0	0	0	0	0	9.8	10.6	11.5	12.2	13.1	13.8	14.3	15.1	15.7	16.7
61	10	215	1	1	1	12	12	13	0	33	0	0	0	0	0	0	0	0	5.3	5.7	6.1	6.5	6.9	7.4	7.7	8.1	8.3	8.6
61	10	216	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	0	8.0	8.4	9.1	9.6	10.1	10.5	11.0	11.4	11.8	12.4
61	10	217	1	1	1	11	23	22	0	0	0	0	0	0	0	0	0	0	9.7	10.2	11.2	11.8	12.2	12.2	12.5	12.7	13.0	13.9
61	10	218	1	1	1	12	13	14	0	0	0	0	0	0	0	0	0	0	5.7	6.1	6.4	6.7	7.0	7.3	7.5	7.6	7.8	8.0
61	10	219	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	30	3.5	4.5	5.6	6.6	7.5	8.2	8.8	9.5	10.2	11.0
61	10	220	1	1	1	10	21	21	0	0	0	0	0	0	0	0	0	0	8.2	9.3	10.6	11.5	12.5	13.0	13.5	14.3	14.8	15.8

61	10	221	1	1	1	10	10	10	0	0	0	0	0	0	0	0	0	0	3.6	4.7	5.9	7.0	8.0	8.6	9.4	10.1	10.9	12.4
61	10	222	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	3	3.6	4.5	5.6	6.5	7.2	7.6	8.0	8.5	8.9	9.5
61	10	223	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	0	3.6	4.5	5.5	6.4	7.3	8.0	8.6	9.3	9.9	10.9
61	10	224	1	1	1	10	10	22	0	33	33	0	0	14	0	0	2	0	5.9	6.9	8.2	9.0	9.9	10.7	11.5	12.5	12.7	13.7
61	10	225	1	1	1	10	20	20	0	0	0	0	0	0	0	0	0	0	6.5	7.9	9.4	10.7	12.0	13.0	13.6	14.9	15.8	17.3
61	10	226	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	3.8	4.7	5.6	6.5	7.4	8.3	9.4	11.0
61	10	227	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	.0	4.1	5.0	6.2	8.8
61	10	228	2	2	2	42	42	44	0	0	0	0	0	0	0	0	0	30	26.9	27.2	27.5	27.6	28.1	28.5	28.6	29.0	29.0	29.4
61	10	229	2	2	2	42	41	42	0	0	0	0	0	0	0	0	0	30	23.0	23.4	23.8	24.1	24.5	25.1	25.1	26.1	26.5	27.2
61	10	230	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	.0	.0	4.0	5.1	7.4
61	10	231	1	1	1	10	20	21	0	0	0	0	0	0	0	0	0	0	8.7	9.8	11.0	12.2	13.1	14.2	14.9	15.8	16.5	17.8
61	10	232	1	1	1	10	20	22	0	0	0	0	0	0	0	0	0	0	7.5	8.6	10.1	11.1	12.0	12.9	13.5	14.2	14.8	15.6
61	10	233	1	1	1	10	20	20	0	0	33	0	0	0	0	0	0	0	7.1	8.3	9.7	11.0	11.8	12.7	13.6	14.4	15.1	16.5
61	10	234	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	3.8	4.6	5.3	6.0	6.4	6.7	7.1	7.8
61	10	235	1	1	1	10	10	20	0	5	0	0	0	0	0	0	0	0	4.3	5.4	6.5	7.6	8.8	9.7	10.7	12.0	13.0	14.9
61	10	236	1	1	1	10	10	20	0	5	0	0	0	0	0	0	0	0	5.9	7.0	8.2	9.2	10.2	10.9	11.6	12.4	13.1	14.5
61	10	237	1	1	1	10	10	20	0	5	0	0	0	0	0	0	0	0	5.6	6.9	8.5	9.8	10.9	11.8	12.9	14.1	15.0	16.3
61	10	238	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	3.7	4.6	5.6	6.5	7.4	8.4	9.3	11.2
61	10	239	1	1	1	22	21	22	0	33	3	0	0	0	0	30	0	0	15.0	15.5	16.1	16.5	16.9	17.4	17.8	18.4	18.9	19.8
61	10	240	1	1	1	20	20	21	0	0	0	0	0	0	0	0	0	52	15.2	16.4	18.0	19.0	20.1	21.1	21.6	22.5	23.1	24.0
61	10	241	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.9	4.6	5.2	6.9
61	10	242	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.6
61	10	243	1	1	1	10	11	21	0	0	0	0	0	0	0	0	0	0	6.1	7.1	8.2	9.2	10.1	11.0	11.5	12.1	12.7	13.6
61	10	244	1	1	1	11	13	14	0	0	0	0	0	0	0	0	0	0	4.4	4.9	5.5	6.0	6.5	6.8	7.0	7.1	7.3	7.5
61	10	245	1	1	1	10	11	21	0	0	0	0	0	0	0	0	0	0	6.4	7.3	8.3	9.1	10.1	10.9	11.4	12.0	12.6	13.6
61	10	246	1	1	1	10	11	21	0	84	0	0	0	0	0	0	0	0	7.8	8.6	9.3	10.2	11.0	11.8	12.4	13.0	13.5	14.6
61	10	247	1	1	1	11	11	12	0	84	0	0	0	0	0	0	0	0	4.6	5.2	5.6	6.2	7.0	7.6	8.0	8.6	9.2	10.0
61	10	248	1	1	1	10	21	22	0	84	0	0	0	0	0	0	0	0	10.1	11.0	12.0	12.9	13.6	14.4	14.8	15.4	15.8	16.7
61	10	249	1	1	1	10	14	14	0	73	0	0	0	0	0	0	0	14	6.0	6.7	7.7	8.3	8.8	8.9	8.9	8.9	9.0	9.1
61	10	250	1	1	1	11	12	13	0	0	33	0	0	0	0	0	0	0	3.6	4.5	5.2	5.7	6.3	6.6	6.9	7.1	7.4	7.9
61	10	251	1	1	1	10	21	21	0	0	0	0	0	0	0	0	0	0	9.5	10.7	12.5	13.0	14.2	14.8	15.2	15.9	16.7	17.6
61	10	252	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.6
61	10	253	2	2	2	42	43	43	0	0	0	0	0	0	0	0	0	0	26.2	26.5	26.9	27.2	27.5	27.7	27.9	28.1	28.3	28.7
61	10	254	2	2	2	42	44	42	0	4	0	0	0	0	0	0	0	15	13.1	13.4	13.7	14.0	14.3	14.5	14.6	14.7	15.1	15.5
61	10	255	2	2	2	30	34	34	0	0	0	0	0	0	0	0	0	0	20.3	21.6	24.9	25.2	25.5	25.6	25.7	25.9	25.9	26.2
61	10	256	2	2	2	44	44	44	0	64	9	0	0	0	0	0	30	0	16.4	16.5	16.7	16.7	16.8	16.9	16.9	16.9	16.9	17.1
61	10	257	2	2	2	42	44	44	0	0	0	0	0	0	0	0	0	9	26.9	27.2	27.5	27.8	28.1	28.2	28.3	28.4	28.4	28.5
61	10	258	2	2	2	32	33	34	0	0	0	0	0	0	0	0	0	0	21.7	22.1	22.7	23.2	23.4	23.7	23.7	23.8	23.9	24.1
61	10	259	2	2	2	32	33	33	0	0	0	0	0	0	30	0	0	52	22.2	22.5	23.0	23.4	23.9	24.2	24.2	24.5	24.6	25.1
61	10	260	2	2	2	33	34	33	0	0	0	0	0	0	0	0	0	52	22.3	22.5	22.7	22.9	23.2	23.2	23.4	23.4	23.5	23.8
61	10	261	2	2	2	32	33	34	0	0	0	0	0	0	0	0	0	0	20.4	20.8	21.3	21.5	21.9	22.1	22.2	22.3	22.3	22.5
61	10	262	2	2	2	32	33	33	0	62	0	0	0	0	0	0	0	0	28.6	28.9	29.3	29.5	29.8	30.2	30.3	30.5	30.6	31.2
61	10	263	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.8	4.6	6.0
61	10	264	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.6
61	10	265	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	5.0	6.6
61	10	266	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	.0	4.0	5.1	6.8
61	10	267	1	1	1	1X	11	13	0	0	0	0	0	0	0	0	0	0	.0	.0	5.0	5.1	5.7	6.4	7.2	7.6	7.9	8.2
61	10	268	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	4.4	4.8	5.2	5.6	6.0	6.4	6.8	7.2	7.6	8.4
61	10	269	2	2	2	44	4X	4X	0	4	0	0	0	9	90	0	0	0	19.6	19.7	19.8	19.8	19.8	19.9	19.9	.0	.0	.0
61	10	270	1	1	1	13	14	1X	0	35	0	9	0	0	0	92	0	0	8.6	8.9	9.5	9.6	9.6	9.7	9.7	9.8	.0	.0
61	10	271	1	1	1	14	1X	1X	0	0	0	0	99	0	0	0	0	0	4.9	5.0	5.2	5.2	5.2	.0	.0	.0	.0	.0
61	10	272	1	1	1	12	1X	1X	0	0	0	0	99	0	0	0	0	0	4.8	5.2	5.2	6.0	6.0	.0	.0	.0	.0	.0
61	10	273	1	1	1	14	1X	1X	0	0	0	0	0	95	0	0	0	0	4.8	4.8	4.8	4.8	4.8	4.8	.0	.0	.0	.0
61	10	274	1	1	1	14	1X	1X	0	0	0	0	95	0	0	0	0	0	4.3	4.4	4.5	4.5	4.5	.0	.0	.0	.0	.0
61	10	275	2	2	2	34	3X	3X	0	9	52	64	52	92	0	0	0	0	24.4	24.5	24.7	24.7	24.8	24.8	.0	.0	.0	.0
61	10	276	2	2	2	44	4X	4X	0	0	0	0	90	0	0	0	0	0	29.3	29.4	29.4	29.5	29.5	.0	.0	.0	.0	.0
61	10	277	2	2	2	3X	3X	3X	0	0	52	99	0	0	0	0	0	0	27.3	27.4	27.5	27.5	.0	.0	.0	.0	.0	.0
61	10	278	2	2	2	3X	3X	3X	0	64	97	0	0	0	0	0	0	0	20.6	20.6	20.6	.0	.0	.0	.0	.0	.0	.0
61	10	279	2	2	2	34	34	34	0	0	52	0	0	0	62	0	0	92	27.1	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.4
61	10	280	2	2	2	33	34	3X	0	0	0	0	0	0	0	90	0	0	26.5	26.7	27.0	27.1	27.2	27.3	27.3	27.4	.0	.0
61	10	281	2	2	2	43	44	44	0	65	52	9	0	0	30	0	0	98	26.3	26.5	26.7	26.8	27.0	27.1	27.1	27.1	27.1	27.1
61	10	282	2	2	2	44	44	44	0	0	52	0	0	0	31	0	0	92	26.7	26.8	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0

TABLE 1.11 :

PLOT NO.	SUB PLOT NO.	TREE NO.	AGE CLASS 20	40	60	AGE-VIGOR I	II	III	TREE CONDITION CODE 1920	25	30	35	40	45	50	55	60	70	D.B.H. (INCHES) 1920	25	30	35	40	45	50	55	60	70
61	11	1	1	1	1	22	23	24	0	0	0	0	0	0	0	0	0	0	23.7	24.1	24.5	24.9	25.4	25.6	25.7	26.0	26.1	26.4
61	11	2	1	1	1	22	23	23	0	0	0	0	0	0	0	0	0	0	24.3	24.7	25.3	25.4	25.9	26.2	26.3	26.4	26.7	27.1
61	11	3	1	1	1	22	22	24	0	0	0	0	0	0	0	0	0	0	21.9	22.3	22.7	23.1	23.5	24.0	24.0	24.3	24.5	24.7
61	11	4	1	1	1	22	23	22	0	0	0	0	0	65	0	0	0	0	13.7	14.1	14.5	15.0	15.2	15.5	15.8	15.9	16.2	16.9
61	11	5	1	1	1	22	22	23	0	0	0	0	0	0	0	0	30	0	20.2	20.6	21.0	21.4	21.8	22.2	22.3	22.7	23.0	23.4
61	11	6	1	1	1	22	22	22	0	0	0	0	0	0	0	0	0	52	18.9	19.6	20.0	20.7	20.9	21.5	21.7	22.0	22.4	22.9
61	11	7	1	1	1	22	22	22	0	0	0	0	0	0	31	0	0	52	18.9	19.4	19.8	20.3	20.7	21.1	21.5	21.9	22.2	22.7
61	11	8	1	1	1	22	22	22	0	0	0	0	0	0	0	0	0	0	17.2	18.1	18.3	18.7	19.2	19.8	20.0	20.5	21.0	21.8
61	11	9	1	1	1	20	21	21	0	0	0	0	0	0	0	0	0	0	18.7	19.6	20.5	21.5	22.2	23.1	23.4	23.9	24.4	25.5
61	11	10	1	1	1	20	21	21	0	0	0	0	0	0	30	0	0	0	14.7	15.4	16.0	16.8	17.5	18.3	18.7	19.2	19.7	21.0
61	11	11	1	1	1	20	21	21	0	0	0	0	0	0	0	0	0	0	16.7	17.5	18.2	19.2	20.0	20.8	21.2	21.8	22.5	23.4
61	11	13	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.0	4.9	5.9	6.8	7.8	9.7
61	11	14	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	3.6	4.5	5.4	6.2	7.1	8.0	9.0	10.6
61	11	15	1	1	1	1X	11	10	0	0	0	0	0	0	0	0	0	0	.0	.0	3.7	4.4	5.0	5.7	6.3	7.0	7.6	9.9
61	11	16	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.3
61	11	17	1	1	1	10	20	20	0	0	0	0	0	0	0	0	0	0	6.0	7.4	9.1	10.5	11.6	12.4	13.1	13.9	14.7	16.0
61	11	18	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.0	5.7	6.8	7.8	8.5	9.1	9.8	11.0
61	11	19	1	1	1	10	11	10	0	0	0	0	0	0	0	0	0	0	.0	3.6	4.9	6.7	8.7	8.9	9.5	10.2	11.0	12.6
61	11	20	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.9	6.0	8.4
61	11	21	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.4
61	11	22	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.6	5.0	7.8
61	11	23	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	5.0	6.0	7.0	8.4
61	11	24	1	1	1	10	10	20	0	0	0	0	0	0	0	0	0	0	5.3	6.7	7.8	8.9	9.8	10.9	11.6	12.5	13.3	15.1
61	11	25	1	1	1	21	22	21	0	0	0	0	0	0	30	0	0	0	16.5	17.1	17.7	18.4	19.0	19.5	19.9	20.2	20.7	21.7
61	11	26	1	1	1	20	22	21	0	0	0	0	0	0	0	0	0	52	18.1	18.8	19.6	21.0	21.3	21.7	22.0	22.6	22.9	24.1
61	11	27	1	1	1	20	21	21	0	0	0	0	30	0	0	0	0	52	12.7	13.5	14.4	15.4	15.8	16.5	16.9	17.6	18.1	19.1
61	11	28	1	1	1	11	12	12	0	30	0	0	0	0	0	0	0	14	6.8	7.5	8.0	8.7	9.5	9.7	10.0	10.5	11.1	11.8
61	11	29	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	5.0	6.0	7.0	8.7
61	11	30	2	2	2	34	34	34	0	0	0	0	0	0	0	0	0	0	27.4	27.5	27.7	27.7	27.8	27.8	27.8	27.9	27.9	28.0
61	11	31	1	1	1	22	22	22	0	0	0	0	31	0	0	0	0	52	20.2	20.5	20.8	21.2	21.5	21.9	22.1	22.8	23.1	23.7

61	11	32	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	5.0	6.2
61	11	33	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	0	.0	4.3	5.6	6.5	7.2	7.8	8.4	9.1	9.8	10.6
61	11	34	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.8	6.1	7.2	8.1	8.8	9.6	10.2	11.3
61	11	35	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.6	4.4	5.2	6.6
61	11	36	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.8	4.9	6.0	8.6
61	11	37	1	1	2	22	23	33	0	0	0	0	0	0	30	31	0	0	11.4	11.7	11.8	12.2	12.6	12.7	12.9	13.1	13.4	13.8
61	11	38	1	1	1	22	23	24	0	0	0	0	0	60	30	30	0	3	18.4	18.8	19.2	19.4	19.9	20.0	20.3	20.6	20.6	20.9
61	11	39	1	1	1	22	22	23	0	0	0	0	0	60	30	30	0	0	13.2	13.6	14.1	14.7	14.9	15.1	15.5	15.9	16.2	16.6
61	11	40	1	1	1	23	23	23	0	0	0	0	0	60	30	30	0	0	11.6	11.8	12.2	12.4	12.5	12.8	12.9	13.2	13.6	13.9
61	11	41	1	1	1	22	22	22	0	0	0	0	0	60	30	0	0	0	17.4	17.9	18.5	18.9	19.3	19.7	19.9	20.3	20.7	21.3
61	11	42	1	1	1	21	22	23	0	0	0	0	0	0	0	0	0	0	18.8	19.4	20.1	20.9	21.3	21.6	22.0	22.3	22.3	23.0
61	11	43	1	1	1	22	23	24	0	0	0	0	0	0	0	0	0	0	14.1	14.5	14.7	15.1	15.6	15.7	16.2	16.4	16.5	16.6
61	11	44	1	1	1	21	22	22	0	0	0	0	0	0	0	0	0	0	12.7	13.2	13.8	14.3	14.8	15.1	15.5	15.8	16.3	16.8
61	11	45	1	1	1	22	22	23	0	0	0	0	0	0	0	0	0	52	14.7	15.2	15.7	16.2	16.6	17.0	17.3	17.7	18.0	18.2
61	11	46	1	1	1	21	21	22	0	0	0	0	0	0	30	0	0	52	16.2	15.7	17.5	18.2	18.2	19.1	19.7	20.0	20.5	21.3
61	11	47	1	1	1	21	21	22	0	3	0	0	0	0	0	0	0	52	17.7	18.2	18.9	19.5	19.8	20.4	20.8	21.3	21.7	22.3
61	11	48	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	4.8	6.1
61	11	49	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.1
61	11	50	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	5.0	6.3
61	11	51	2	2	2	42	43	43	0	0	0	0	0	0	30	0	0	0	24.0	24.3	24.6	24.9	25.1	25.3	25.4	25.6	25.8	26.2
61	11	52	2	2	2	44	44	44	0	0	0	0	0	14	30	9	0	0	23.3	23.4	23.4	23.6	23.7	23.8	23.9	24.0	24.2	24.3
61	11	53	2	2	2	42	43	43	0	0	0	0	0	9	0	0	0	0	17.7	18.0	18.2	18.4	18.9	18.9	19.3	19.3	19.6	19.8
61	11	54	2	2	2	42	42	42	0	65	0	0	0	0	0	0	0	0	26.0	26.4	26.8	27.3	27.6	27.9	28.2	28.7	29.1	29.8
61	11	55	2	2	2	43	44	42	0	65	52	0	0	0	0	0	0	0	29.3	29.5	29.7	29.8	30.0	30.2	30.2	30.2	30.7	31.1
61	11	56	1	1	1	21	21	22	0	0	0	0	0	0	30	0	0	52	15.8	16.4	17.0	17.7	18.2	18.8	19.3	19.8	20.2	21.1
61	11	57	1	1	1	14	14	14	0	0	9	0	0	0	0	0	0	4	8.4	8.5	8.6	8.7	8.8	8.8	8.8	8.9	9.0	9.1
61	11	58	1	1	1	21	22	22	0	0	0	0	0	30	0	0	0	0	20.6	21.2	21.8	22.5	23.1	23.5	23.7	24.2	24.5	25.0
61	11	59	2	2	2	43	43	44	0	0	52	0	0	0	30	0	0	0	41.2	41.4	41.7	41.9	42.1	42.1	42.2	42.6	42.7	42.6
61	11	60	1	1	1	21	23	22	0	0	0	0	0	0	0	0	0	0	18.7	19.2	19.9	20.2	20.7	21.0	21.1	21.4	21.8	22.4
61	11	61	1	1	1	21	21	21	0	0	0	0	0	0	30	31	0	0	11.1	11.8	12.4	13.2	13.8	14.3	14.8	15.4	16.0	17.2
61	11	62	1	1	1	22	23	23	0	0	0	0	0	0	0	0	0	0	16.7	17.2	17.9	18.2	18.6	18.9	19.2	19.3	19.5	19.8
61	11	63	1	1	1	23	24	23	0	0	0	0	0	0	30	0	0	3	14.4	14.5	14.6	14.9	15.0	15.1	15.2	15.4	15.6	15.9
61	11	64	1	1	1	21	22	23	0	0	0	0	0	0	30	0	0	0	16.9	17.4	17.9	18.3	18.9	19.1	19.3	19.8	20.1	20.5
61	11	65	1	1	1	21	21	22	0	0	0	0	0	0	0	0	0	0	14.8	15.4	16.5	16.8	17.2	18.0	18.2	18.8	19.4	20.2
61	11	66	1	1	1	21	22	22	0	0	0	0	30	0	30	0	0	0	20.5	21.2	21.9	22.6	23.2	23.6	23.9	24.4	24.6	25.4
61	11	67	1	1	1	21	22	23	0	0	0	0	0	0	0	0	0	0	20.7	21.3	21.9	22.5	23.0	23.7	24.1	24.3	24.6	25.0
61	11	68	1	1	1	22	23	22	0	0	0	0	0	0	0	0	0	0	12.7	13.1	13.5	13.8	14.4	14.6	14.7	15.0	15.4	15.8
61	11	69	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	5.0	7.0
61	11	70	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.1
61	11	71	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.6
61	11	72	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.8	5.0	7.1
61	11	73	2	2	2	34	34	34	0	0	0	0	0	0	0	0	0	4	8.2	8.4	8.4	8.5	8.5	8.6	8.6	8.6	8.7	8.7
61	11	74	2	2	2	32	32	33	0	0	0	0	0	0	0	0	0	0	20.5	20.9	21.3	21.8	22.2	22.7	22.8	23.1	23.3	23.8
61	11	75	2	2	2	34	34	34	0	0	0	0	0	0	0	0	0	52	30.7	30.8	30.8	31.0	31.1	31.3	31.4	31.4	31.4	31.4
61	11	76	2	2	2	33	33	34	0	0	0	0	0	0	0	0	0	52	25.0	25.2	25.4	25.7	25.8	26.1	26.2	26.5	26.5	26.8
61	11	77	2	2	2	33	33	34	0	0	0	0	0	0	0	0	0	0	26.0	26.2	26.4	26.7	26.9	27.3	27.4	27.6	27.6	28.0
61	11	78	2	2	2	33	33	33	0	0	0	0	0	0	0	0	0	0	19.8	20.0	20.3	20.5	20.7	20.9	21.0	21.2	21.3	21.8
61	11	79	2	2	2	33	34	33	0	65	0	0	0	0	0	0	0	0	19.1	19.3	19.5	19.7	20.0	20.2	20.4	20.4	20.6	20.9
61	11	80	2	2	2	32	33	34	0	0	0	0	0	0	0	0	0	0	23.9	24.2	24.5	24.9	25.2	25.5	25.6	25.9	26.0	26.2
61	11	81	1	1	1	21	22	22	0	0	0	0	30	0	30	0	0	0	18.2	18.8	19.4	20.0	20.5	20.7	21.1	21.7	22.1	22.7
61	11	82	1	1	1	1X	11	13	0	0	0	0	0	0	0	0	0	52	.0	.0	4.2	5.0	5.7	6.4	7.0	7.6	7.8	8.1
61	11	83	1	1	1	20	21	22	0	0	0	0	0	0	0	0	0	52	11.0	11.8	12.7	13.7	14.3	14.9	15.2	15.9	16.4	16.8
61	11	84	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	52	6.5	7.3	8.4	9.2	9.8	10.3	10.7	11.2	11.8	12.4
61	11	85	1	1	1	20	22	22	0	0	0	0	0	0	30	0	0	52	14.9	15.7	16.7	17.4	18.1	18.6	18.8	19.4	19.8	20.7
61	11	86	2	2	2	32	34	34	0	0	0	0	0	0	0	0	0	0	24.9	25.2	25.6	25.9	26.0	26.2	26.3	26.4	26.5	26.6
61	11	87	2	2	2	32	32	32	0	0	0	0	0	0	0	0	0	0	18.3	18.7	19.0	19.4	19.8	19.9	20.2	20.6	21.0	21.6
61	11	88	2	2	2	43	44	44	0	64	0	0	0	0	0	0	0	52	20.0	20.2	20.3	20.5	20.7	20.7	20.7	20.7	20.7	20.8
61	11	89	2	2	2	43	44	44	0	0	52	9	0	0	0	0	0	0	19.8	19.9	20.0	20.2	20.3	20.3	20.4	20.6	20.8	21.0
61	11	90	2	2	2	43	43	42	0	0	52	0	0	0	0	30	30	0	22.8	23.1	23.3	23.9	23.9	23.9	24.1	24.5	24.6	25.3
61	11	91	2	2	2	42	44	43	0	0	0	0	0	0	0	0	0	0	18.9	19.2	19.3	19.8	20.1	20.1	20.2	20.3	20.5	20.9
61	11	92	2	2	2	42	42	42	0	0	0	0	0	9	30	0	0	0	21.9	22.2	22.5	22.9	23.2	23.4	23.7	24.2	24.6	25.4
61	11	93	2	2	2	43	43	44	0	64	0	0	0	0	0	0	0	0	18.0	18.2	18.4	18.6	18.7	18.8	18.9	19.1	19.3	19.5
61	11	94	2	2	2	42	42	43	0	14	0	0	0	0	0	0	0	0	14.4	15.5	15.8	16.2	16.4	16.8	16.9	17.3	17.5	18.0
61	11	95	2	2	2	44	43	44	0	3	0	0	0	0	0	0	0	0	23.8	24.0	24.1	24.4	24.4	24.7	24.8	25.0	25.1	25.4
61	11	96	2	2	2	32	32	32	0	64	52	3	30	0	0	0	0	0	26.8	27.1	27.4	27.8	28.1	28.4	28.7	29.0	29.4	29.9
61	11	97	2	2	2	32	33	33	0	64	0	0	0	14	0	0	0	0	18.7	19.0	19.3	20.0	19.8	20.0	20.2	20.3	20.5	20.8
61	11	98	2	2	2	34	34	34	0	0	0	0	0	0	0	0	0	0	21.7	21.8	21.9	22.0	22.0	22.0	22.0	22.0	22.1	22.1
61	11	99	2	2	2	33	34	33	0	0	0	0	0	0	0	0	0	0	28.4	28.6	28.7	29.0	29.1	29.3	29.5	29.5	29.7	30.0
61	11	100	1	1	1	10	21	21	0	0	0	0	0	0	30	0	0	0	9.6	10.5	11.7	12.6	13.3	13.9	14.4	15.1	15.8	16.7
61	11	101	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.4
61	11	102	1	1	1	10	10	12	0	0	0	0	0	0	0	0	0	0	3.9	5.0	6.3	7.4	8.3	9.1	9.7	10.5	10.9	11.7
61	11	103	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	3	.0	.0	.0	.0	.0	.0	4.0	4.7	5.3	6.9
61	11	104	1	1	1	1X	10	12	0	0	0	0	0	0	0	0	0	2	.0	.0	4.0	5.8	6.8	7.8	8.6	9.4	10.1	10.5
61	11	105	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.8
61	11	106	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.8	4.6	5.4	6.2	7.9
61	11	107	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.7	5.5	7.0
61	11	108	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.8
61	11	109	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.9	4.8	6.4
61	11	110	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.9	6.2
61	11	111	1	1	1	21	22	22	0	0	0	0	0	0	0	0	0	3	13.2	13.8	14.6	15.3	15.7	16.3	16.6	17.1	17.7	18.3
61	11	112	1	1	1	20	20	21	0	0	0	0	0	0	0	0	0	3	14.5	14.6	15.8	17.0	17.9	18.9	19.6	20.5	21.2	22.4
61	11	113	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.5	5.6	6.3	7.1	7.7	8.5	9.0	10.1
61	11	114	1	1	1	10	10	10	0	0	0	0	0	0	0	0	0	0	6.3	7.3	8.4	9.4	10.2	11.0	11.8	12.9	13.7	15.0
61	11	115	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	.0	4.3	5.2	6.0	6.7	7.3	7.9	8.6	9.2	9.9
61	11	116	1	1	1	11	12	11	0	0	0	0	0	0	0	0	0	14	7.6	8.3	9.1	9.8	10.3	10.6	10.9	11.5	12.0	13.2
61	11	117	1	1	1	10	20	21	0	0	0	0	0	0	0	0	0	14	8.7	9.7	11.0	12.0	12.7	13.4	13.9	14.8	15.3	16.5
61	11	118	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	5.5	7.0	9.6
61	11	119	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.7	4.5	6.0
61	11	120	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.0
61	11	121	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.4	6.0	8.7
61	11	122	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.5
61	11	123	1	1	1	1X	10	20	0	0	0	0	0	0	0	62	0	0	.0	.0	4.4	5.8	7.1	8.4	9.3	11.0	12.0	14.2
61	11	124	2	2	2	3X	3X	3X	0	0	52	98	0	0	0	0	0	0	18.1	18.2	18.3	18.3	.0	.0	.0	.0	.0	.0
61	11	125	1	1	1	10	1X	1X	0	0	0	0	0	0	97	0	0	0	5.0	5.9	7.0	7.9	8.5	9.0	9.0	.0	.0	.0
61	11	126	1	1	1	10	1X	1X	0	0	0	0	0	0	97	0	0	0	8.3	9.3	10.6	11.6	12.3	12.8	12.8	.0	.0	.0
61	11	127	1	1	1	10	1X	1X	0	0	0	0	0	0	97	0	0	0	6.4	7.5	8.8	10.0	10.9	11.6	11.6	.0	.0	.0
61	11	128	1	1	1	10	1X	1X	0	0	0	0	0	0	97	0	0	0	4.9	6.0	7.0	8.4	9.4	10.5	10.5	.0	.0	.0
61	11	129	1	1	1	11	1X	1X	0	0	0	0	0	0	97	0	0	0	5.2	5.7	6.3	6.9	7.2	7.6	7.6	.0	.0	.0
61	11	130	1	1	1	10	1X	1X	0	0	0	0	0	0	97	0	0	0	5.8	6.7	7.7	8.6	9.3	10.0	10.0	.0	.0	.0
61	11	131	1	1	1	10	1X	1X	0	0	0	0	0	0	97	0	0	0	6.2	7.2	8.4	9.5	10.2	11.0	11.0	.0	.0	.0

61	11	132	1	1	1	11	1X	1X	0	0	0	0	0	0	97	0	0	0	4.0	4.5	5.0	5.7	6.1	6.6	6.6	.0	.0	.0
61	11	133	1	1	1	10	1X	1X	0	0	0	0	0	0	97	0	0	0	5.4	6.4	7.5	8.6	9.3	9.9	9.9	.0	.0	.0
61	11	134	2	2	2	44	44	44	0	0	0	0	0	45	0	0	0	92	21.7	21.9	22.1	22.2	22.2	22.2	22.2	22.3	22.4	22.6
61	11	135	2	2	2	44	4X	4X	0	0	9	0	0	0	92	0	0	0	28.6	28.6	28.6	28.6	28.6	28.6	28.7	.0	.0	.0
61	11	136	2	2	2	43	44	44	0	0	0	0	0	13	0	0	0	92	22.4	22.6	22.9	23.1	23.1	23.1	23.1	23.1	23.3	23.3
61	11	137	2	2	2	34	3X	3X	0	0	9	0	0	92	0	0	0	0	24.8	24.8	24.8	24.8	24.8	24.8	.0	.0	.0	.0

TABLE 1.12:

PLOT NO.	SUB PLOT NO.	TREE NO.	AGE CLASS 20	40	60	AGE-VIGOR I	II	III	TREE CONDITION CODE 1920	25	30	35	40	45	50	55	60	70	D.B.H. (INCHES) 1920	25	30	35	40	45	50	55	60	70
61	12	1	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.8	4.6	6.0
61	12	2	1	1	1	10	10	12	0	0	0	0	0	0	0	0	0	0	.0	3.6	4.6	5.9	6.7	7.5	8.0	8.9	9.3	10.2
61	12	3	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	.0	4.0	5.0	6.0	8.0
61	12	4	2	2	2	32	33	33	0	20	52	0	0	0	0	0	0	0	25.2	25.6	26.1	26.6	26.9	27.2	27.4	27.6	28.0	28.3
61	12	5	2	2	2	32	33	32	0	20	0	0	0	13	0	0	0	0	25.8	26.2	26.7	27.1	27.4	27.6	27.9	28.0	28.4	28.8
61	12	6	2	2	2	33	34	34	0	20	0	0	0	0	0	0	30	0	23.9	24.1	24.4	24.7	24.8	25.0	25.0	25.1	25.2	25.5
61	12	7	2	2	2	42	44	43	0	65	3	0	0	0	0	0	0	0	32.2	32.5	32.8	33.1	33.5	33.5	33.7	33.8	34.2	34.4
61	12	8	2	2	2	32	33	34	0	0	52	0	0	0	0	0	0	0	25.1	25.4	25.7	26.0	26.2	26.3	26.4	26.6	26.8	27.0
61	12	9	2	2	2	42	43	43	0	0	0	0	0	0	30	0	0	0	28.2	28.6	29.0	29.4	29.8	30.0	30.2	30.4	30.7	31.1
61	12	10	2	2	2	32	33	34	0	0	0	0	0	0	30	0	0	0	26.5	26.8	27.2	27.4	27.6	27.8	27.9	28.1	28.2	28.4
61	12	11	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.9	5.0	7.3
61	12	12	1	1	1	20	22	23	0	0	0	0	0	0	0	0	0	0	21.7	22.4	23.2	24.5	24.5	25.0	25.4	25.7	26.0	26.4
61	12	13	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	4.5	4.9	5.4	5.8	6.3	6.7	7.2	7.6	8.1	9.0
61	12	14	2	2	2	44	44	44	0	0	0	0	0	0	0	0	0	0	31.1	31.3	31.5	31.7	31.7	32.0	32.0	32.0	32.1	32.2
61	12	15	2	2	2	34	34	34	0	0	0	0	0	9	30	4	0	0	12.1	12.2	12.3	12.4	12.4	12.4	12.4	12.4	12.5	12.6
61	12	16	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.7	4.5	5.2	6.8
61	12	17	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.6	6.1
61	12	18	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	4.0	4.8	5.6	6.3	7.1	7.9	8.9	10.2
61	12	19	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	4.1	5.1	6.3	7.5	8.0	8.5	9.0	9.5	10.1	10.8
61	12	20	1	1	1	10	21	22	0	0	0	0	0	0	0	0	0	0	9.8	10.7	11.8	12.7	13.4	14.1	14.6	15.4	15.9	16.8
61	12	21	1	1	1	22	22	23	0	0	33	0	0	0	0	0	0	0	12.3	12.7	13.0	13.3	13.8	13.9	14.2	14.8	14.8	15.5
61	12	22	1	1	1	22	24	23	0	0	0	0	30	0	30	0	0	0	15.1	15.5	16.0	16.2	16.8	16.8	16.9	17.0	17.3	17.7
61	12	23	1	1	1	21	22	22	0	0	0	0	30	0	30	0	0	0	12.9	13.4	14.0	14.5	14.9	15.3	15.5	15.8	16.1	16.6
61	12	24	1	1	1	21	22	22	0	0	0	0	0	0	0	0	0	0	13.0	13.6	14.3	14.8	15.3	15.6	16.1	16.4	16.8	17.3
61	12	25	1	1	1	22	22	22	0	0	0	0	0	0	0	0	0	0	14.7	15.1	15.5	15.9	16.3	16.8	17.1	17.5	17.8	18.5
61	12	26	1	1	1	20	21	21	0	0	0	0	0	0	0	0	0	0	15.6	16.5	17.5	18.5	19.3	20.0	20.6	21.4	21.9	23.0
61	12	27	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	5.0	5.7	6.5	8.0
61	12	28	1	1	1	10	10	10	0	0	0	0	0	0	0	0	0	0	4.8	5.7	6.9	8.0	9.2	10.3	11.5	12.6	13.8	16.1
61	12	29	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	4.8	5.2	5.7	6.1	6.6	7.0	7.5	7.9	8.4	9.3
61	12	30	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	4.4	4.8	5.2	5.6	6.0	6.4	6.8	7.2	7.6	8.4
61	12	31	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.6	5.3	6.8
61	12	32	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	4.6	5.0	5.4	5.8	6.2	6.6	6.9	7.2	7.5	8.2
61	12	33	1	1	1	22	22	22	0	0	0	0	0	0	0	0	0	0	8.9	9.3	9.8	10.2	10.7	11.1	11.6	12.0	12.5	13.4
61	12	34	1	1	1	13	13	13	0	0	0	0	0	0	0	0	0	0	6.4	6.5	6.6	6.8	7.0	7.2	7.4	7.6	7.8	8.1
61	12	35	1	1	1	22	22	12	0	0	0	0	0	0	0	0	0	0	7.7	8.1	8.5	8.9	9.1	9.3	9.5	10.0	10.8	11.0
61	12	36	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	9.3	9.7	10.1	10.5	10.9	11.7
61	12	37	1	1	1	10	12	22	0	14	0	0	0	0	30	0	0	0	10.8	11.5	12.5	13.2	13.7	14.2	14.4	14.7	15.2	16.1
61	12	38	1	1	1	12	12	13	0	0	0	0	0	0	0	0	0	0	4.6	5.0	5.5	6.1	6.3	6.7	6.9	7.1	7.4	7.8
61	12	39	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.7	4.3	4.9	6.3
61	12	40	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.7	6.2
61	12	41	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	2	3.6	4.1	4.6	5.1	5.6	6.1	6.6	7.1	7.6	8.6
61	12	42	1	1	1	12	12	13	0	0	0	0	0	0	0	0	0	0	.0	4.1	4.3	4.6	5.0	5.3	5.7	5.8	6.0	6.3
61	12	43	1	1	1	1X	12	13	0	0	0	0	0	0	0	0	0	14	.0	.0	4.1	4.5	4.9	5.2	5.5	5.7	5.9	6.3
61	12	44	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.6	4.3	5.1	6.6
61	12	45	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	.0	.0	4.0	4.7	6.2
61	12	46	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	5.4	6.4	7.6	8.7	9.5	10.1	10.7	11.4	12.0	12.8
61	12	47	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	3.7	4.3	5.0	5.6	6.3	6.9	7.6	8.9
61	12	48	1	1	1	1X	13	13	0	0	0	0	0	0	0	0	0	0	.0	.0	5.7	6.0	6.3	6.6	6.9	7.0	7.2	7.5
61	12	49	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	4	.0	.0	.0	.0	.0	.0	.0	4.0	4.5	6.0
61	12	50	1	1	1	20	21	22	0	0	0	0	0	0	30	0	0	0	12.0	12.9	14.0	15.1	15.7	16.3	16.8	17.4	17.9	18.8
61	12	51	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.4	6.0	7.1	8.3	9.2	10.4	11.2	12.4
61	12	52	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.3
61	12	53	1	1	1	1X	12	13	0	0	0	0	0	0	0	0	0	2	.0	.0	6.1	6.4	6.7	7.0	7.3	7.6	7.9	8.4
61	12	54	2	2	2	43	43	43	0	0	45	9	0	0	30	0	0	0	28.3	28.5	28.7	28.9	29.2	29.4	29.5	29.7	29.9	30.2
61	12	55	2	2	2	43	43	43	0	0	0	0	0	0	30	0	0	0	21.3	21.5	21.7	22.0	22.2	22.3	22.5	22.7	23.0	23.4
61	12	56	2	2	2	44	44	4X	0	0	0	0	0	4	0	0	0	0	20.3	20.4	20.4	20.5	20.5	20.5	20.5	20.5	20.5	.0
61	12	57	2	2	2	44	44	44	0	0	0	0	0	45	30	0	0	0	20.7	20.8	20.8	20.8	20.8	20.8	20.9	20.9	21.0	21.0
61	12	58	2	2	2	42	43	42	0	64	52	0	0	0	30	0	30	0	25.8	26.1	26.6	26.8	27.1	27.3	27.3	27.7	27.9	28.5
61	12	59	2	2	2	43	42	42	0	0	52	0	0	0	0	0	0	0	31.2	31.4	31.7	32.0	32.0	32.6	32.8	33.2	33.5	34.1
61	12	60	2	2	2	43	44	44	0	3	0	0	0	0	0	0	0	0	28.4	28.6	28.7	29.1	29.1	29.4	29.5	29.5	29.6	29.6
61	12	61	2	2	2	43	44	43	0	0	0	0	30	0	30	0	30	0	25.6	25.8	25.8	26.1	26.3	26.4	26.5	26.6	26.8	27.2
61	12	62	1	1	1	10	10	21	0	0	0	0	0	0	0	0	0	52	5.2	6.3	7.6	8.7	9.6	10.4	11.4	12.2	12.9	13.8
61	12	63	1	1	1	11	12	13	0	0	0	0	0	0	0	0	0	0	4.2	4.7	5.3	5.8	6.2	6.7	7.1	7.5	7.9	8.0
61	12	64	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.6	5.2	5.9	7.2
61	12	65	1	1	1	12	12	13	0	0	0	0	0	0	30	0	0	0	7.2	7.5	7.9	8.5	8.5	9.0	9.2	9.6	9.7	10.4
61	12	66	1	1	1	23	23	23	0	0	0	0	0	30	0	0	0	0	15.0	15.2	15.5	15.8	15.9	16.3	16.4	16.7	17.0	17.3
61	12	67	2	2	2	23	23	24	0	0	0	0	0	0	0	0	0	52	12.2	12.4	12.6	12.8	13.0	13.2	13.4	13.7	13.9	14.0
61	12	68	1	1	1	23	23	24	0	0	0	0	0	0	0	0	0	0	14.3	14.5	14.8	15.1	15.2	15.3	15.5	15.8	16.0	16.2
61	12	69	1	1	1	22	22	23	0	0	0	0	0	0	0	0	0	0	16.4	16.7	17.0	17.3	17.5	17.9	17.9	18.4	18.4	18.9
61	12	70	1	1	1	11	23	22	0	0	0	0	0	0	30	0	0	0	11.2	11.5	11.9	13.0	13.0	13.1	13.4	13.7	14.1	14.7
61	12	71	1	1	1	21	22	22	0	0	0	0	0	0	30	0	0	0	13.6	14.1	14.6	15.1	15.6	15.9	16.3	16.8	17.3	17.9
61	12	72	1	1	1	24	24	24	0	0	0	0	0	0	30	0	0	0	11.9	12.0	12.1	12.3	12.3	12.4	12.4	12.5	12.5	12.5
61	12	73	1	1	1	23	23	24	0	0	0	0	0	0	30	0	0	0	16.4	16.6	16.8	17.2	17.3	17.5	17.6	17.9	18.1	18.2
61	12	74	1	1	1	12	13	23	0	0	0	0	0	0	30	0	0	21	10.4	10.7	11.1	11.4	11.6	11.9	12.0	12.3	12.4	12.8
61	12	75	1	1	1	22	22	22	0	0	0	0	0	0	30	0	0	0	15.4	15.8	16.2	16.7	17.1	17.4	17.7	18.0	18.4	18.8
61	12	76	1	1	1	22	22	22	0	0	0	0	0	0	30	0	0	0	20.4	20.7	21.1	21.5	21.8	22.3	22.5	22.8	23.2	23.6
61	12	77	1	1	1	22	22	23	0	0	0	0	0	0	0	0	0	0	15.4	15.8	16.3	16.7	17.0	17.4	17.6	18.1	18.5	18.9
61	12	78	1	1	1	22	22	22	0	0	0	0	0	0	30	0	0	0	19.7	20.2	20.7	21.1	21.6	21.9	22.1	22.6	22.9	23.5
61	12	79	2	2	2	32	32	32	0	0	0	0	0	0	30	0	0	21	22.1	22.4	22.9	23.4	23.4	23.8	24.1	24.4	24.7	25.4
61	12	80	2	2	2	34	34	34	0	64	0	0	0	0	30	0	0	0	22.5	22.6	22.7	22.8	23.0	23.2	23.2	23.2	23.4	23.5

PLOT NO.	SUB PLOT NO.	TREE NO.	AGE CLASS			AGE-VIGOR			TREE CONDITION CODE										D.B.H. (INCHES)									
			20	40	60	I	II	III	1920	25	30	35	40	45	50	55	60	70	1920	25	30	35	40	45	50	55	60	70
61	12	81	2	2	2	32	34	34	0	0	0	0	0	30	0	0	0	0	21.7	22.0	22.4	22.7	22.9	23.0	23.0	23.1	23.1	23.3
61	12	82	2	2	2	32	33	33	0	64	0	0	0	0	0	0	0	0	22.8	23.2	23.7	23.8	24.4	24.7	24.8	24.9	25.3	25.5
61	12	83	2	2	2	33	33	33	0	65	0	0	0	0	30	0	0	0	18.1	18.3	18.6	18.8	18.8	19.1	19.3	19.3	19.6	20.0
61	12	84	2	2	2	32	32	32	0	0	0	0	0	0	30	0	0	0	29.6	30.1	30.7	31.1	31.5	31.8	32.0	32.4	32.6	33.3
61	12	85	2	2	2	32	32	32	0	0	0	0	0	0	30	0	0	0	13.7	14.0	14.4	14.8	15.0	15.4	15.5	15.9	16.2	16.8
61	12	86	2	2	2	32	32	32	0	0	0	0	0	0	30	0	0	0	19.8	20.1	20.5	21.0	21.0	21.4	21.6	22.0	22.3	23.1
61	12	87	2	2	2	32	33	32	0	0	0	0	0	14	30	0	0	0	19.3	19.7	20.0	20.4	20.8	20.9	21.1	21.5	21.7	22.4
61	12	88	2	2	2	33	34	34	0	3	52	0	0	0	30	0	0	0	22.4	22.7	22.8	23.0	23.1	23.1	23.3	23.3	23.4	23.7
61	12	89	2	2	2	41	42	42	0	3	52	0	0	9	30	0	0	0	34.9	35.4	36.0	36.5	37.0	37.3	37.7	38.0	38.4	39.3
61	12	90	1	1	2	22	23	32	0	3	0	0	0	30	31	0	0	0	17.1	17.5	17.9	18.2	18.6	18.9	19.0	19.2	19.5	20.1
61	12	91	2	2	2	32	33	32	0	0	0	0	0	0	30	0	0	0	23.3	23.7	24.2	24.6	24.9	25.2	25.5	25.6	26.1	26.8
61	12	92	2	2	2	32	33	33	0	3	0	0	0	0	30	0	0	0	28.9	29.2	29.6	30.0	30.2	30.3	30.4	30.6	30.9	31.2
61	12	93	2	2	2	34	34	34	0	14	0	0	0	0	0	4	0	0	8.4	8.5	8.5	8.5	8.6	8.6	8.6	8.8	8.8	9.0
61	12	94	1	1	1	10	10	21	0	0	0	0	0	0	0	0	0	0	5.2	6.5	8.0	9.4	10.3	11.3	12.0	12.9	13.6	14.5
61	12	95	1	1	1	10	11	21	0	0	33	0	0	0	30	0	0	0	5.7	6.8	8.3	9.4	10.2	10.9	11.5	12.2	12.9	13.7
61	12	96	1	1	1	12	12	13	0	0	0	0	0	0	0	0	0	0	6.0	6.3	6.6	7.0	7.4	7.8	8.0	8.2	8.4	8.7
61	12	97	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.8	4.4	5.2	6.0	7.5
61	12	98	1	1	1	11	12	13	0	33	0	0	0	0	30	0	0	0	5.4	5.9	6.7	7.3	7.5	7.8	8.0	8.4	8.5	9.0
61	12	99	1	1	1	11	12	12	0	0	0	0	0	0	30	0	0	0	6.2	6.8	7.6	8.3	8.7	9.1	9.4	9.9	10.3	10.7
61	12	100	1	1	1	10	12	12	0	0	0	0	0	0	30	0	0	0	5.0	5.9	7.0	7.9	8.5	8.9	9.1	9.8	10.3	11.0
61	12	101	1	1	1	20	22	22	0	0	0	0	0	0	30	0	0	0	19.8	20.5	21.3	22.0	22.7	23.2	23.5	24.1	24.5	25.4
61	12	102	1	1	1	12	12	13	0	0	0	0	0	0	30	0	0	0	7.1	7.5	7.9	8.5	8.6	9.0	9.1	9.6	9.8	10.1
61	12	103	1	1	1	22	22	22	0	0	0	0	0	30	30	0	0	0	13.3	13.7	14.1	14.6	14.9	15.3	15.6	16.1	16.5	17.2
61	12	104	1	1	1	12	12	23	0	14	0	0	0	0	30	0	0	0	9.7	10.0	10.2	10.5	10.8	11.0	11.1	11.6	11.9	12.3
61	12	105	1	1	1	12	12	12	0	0	0	0	0	14	0	0	0	0	4.0	4.3	4.7	5.0	5.3	5.6	5.9	6.2	6.5	7.0
61	12	106	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.2	7.9
61	12	107	2	2	2	42	43	44	0	0	0	0	0	0	0	0	0	0	16.6	16.9	17.3	17.5	17.7	17.9	18.1	18.3	18.4	18.5
61	12	108	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	3.8	4.3	5.1	5.9	6.6	7.2	8.6
61	12	109	2	2	2	32	33	31	0	65	0	0	0	3	30	0	0	0	28.1	28.4	28.7	28.8	29.2	29.4	29.6	29.6	30.3	31.1
61	12	110	2	2	2	33	33	33	0	0	0	0	0	13	0	0	0	52	16.3	16.5	16.7	16.9	17.1	17.4	17.5	17.7	18.0	18.4
61	12	111	2	2	2	34	34	33	0	0	0	0	0	0	30	0	0	0	23.0	23.1	23.3	23.4	23.5	23.7	23.8	23.9	24.0	24.3
61	12	112	2	2	2	34	34	34	0	0	52	0	0	9	0	0	0	0	11.7	11.8	11.9	11.9	12.0	12.2	12.2	12.3	12.4	12.7
61	12	113	2	2	2	32	43	42	0	0	0	0	0	0	30	0	0	0	20.4	20.7	21.0	21.3	21.7	22.0	22.3	22.4	22.8	23.2
61	12	114	1	1	1	21	22	22	0	0	0	0	0	0	0	0	0	20	20.2	20.8	21.4	22.0	22.5	22.9	23.3	23.7	24.2	24.9
61	12	115	1	1	1	21	21	21	0	0	0	0	0	0	30	0	0	0	15.1	15.7	16.4	17.1	17.6	18.1	18.6	19.3	19.9	21.1
61	12	116	1	1	1	23	23	23	0	0	0	0	0	3	30	0	0	0	22.2	22.4	22.6	22.8	23.0	23.1	23.5	23.5	23.8	24.2
61	12	117	1	1	1	23	23	24	0	0	0	0	0	0	30	30	0	0	14.7	14.9	15.3	15.4	15.4	15.6	15.7	15.8	16.0	16.1
61	12	118	1	1	1	22	22	22	0	0	0	0	0	0	0	0	0	0	17.1	17.5	18.0	18.6	18.8	19.4	19.8	20.2	20.7	21.3
61	12	119	1	1	1	23	23	23	0	0	33	0	0	0	0	0	0	0	12.0	12.2	12.3	12.9	12.9	12.9	13.1	13.3	13.7	13.9
61	12	120	1	1	1	12	12	12	0	0	0	0	0	0	30	0	0	0	5.3	5.8	6.2	6.7	7.2	7.5	7.8	8.3	8.6	9.3
61	12	121	1	1	1	22	22	22	0	0	0	0	0	0	30	0	0	0	14.7	15.1	15.5	15.9	16.4	16.7	17.0	17.5	17.8	18.8
61	12	122	1	1	1	21	22	22	0	0	0	0	0	0	30	0	0	0	15.3	15.9	16.5	17.0	17.6	17.9	18.3	18.9	19.3	19.9
61	12	123	1	1	1	23	22	23	0	0	0	0	0	0	30	0	0	0	16.7	16.9	17.3	17.6	17.6	18.1	18.3	18.6	18.9	19.3
61	12	124	1	1	1	22	22	22	0	0	0	0	0	0	30	0	0	0	16.1	16.5	16.9	17.3	17.7	18.1	18.4	19.0	19.2	20.0
61	12	125	2	2	2	44	4X	3X	0	65	52	0	91	0	0	0	0	0	25.4	25.6	25.8	26.0	26.0	.0	.0	.0	.0	.0
61	12	126	2	2	2	34	34	3X	0	0	0	0	0	0	30	0	0	0	23.0	23.1	23.1	23.2	23.2	23.4	23.4	23.4	.0	.0
61	12	127	2	2	2	34	34	34	0	0	0	0	0	40	30	41	0	93	22.6	22.8	23.0	23.2	23.2	23.4	23.4	23.4	23.5	23.5
61	12	128	2	2	2	34	34	3X	0	64	0	0	0	0	30	91	0	0	15.8	15.8	15.8	15.8	15.9	15.9	15.9	15.9	.0	.0
61	12	129	1	1	1	24	2X	2X	0	0	9	33	95	0	0	0	0	0	12.9	12.9	12.9	12.9	12.9	.0	.0	.0	.0	.0

TABLE 1.13:

PLOT NO.	SUB PLOT NO.	TREE NO.	AGE CLASS			AGE-VIGOR			TREE CONDITION CODE										D.B.H. (INCHES)									
			20	40	60	I	II	III	1920	25	30	35	40	45	50	55	60	70	1920	25	30	35	40	45	50	55	60	70
61	13	1	2	2	2	33	33	34	0	0	0	0	0	0	0	0	0	0	29.3	29.5	29.9	30.0	30.2	30.4	30.5	30.7	30.7	30.8
61	13	2	2	2	2	22	23	24	0	0	0	0	0	0	0	0	0	0	18.2	18.5	19.2	19.4	19.8	19.9	20.1	20.3	20.4	20.6
61	13	3	1	1	1	12	13	13	0	0	9	0	0	33	0	0	0	0	8.7	9.0	9.4	9.6	9.9	10.1	10.2	10.4	10.7	10.9
61	13	4	2	2	2	23	24	23	0	0	9	0	0	0	0	0	0	0	15.7	15.9	16.1	16.3	16.4	16.5	16.5	16.7	16.9	17.2
61	13	5	2	2	2	20	22	33	0	0	0	0	0	0	0	0	0	0	13.8	15.4	19.8	20.2	20.3	20.7	20.8	21.1	21.5	21.7
61	13	6	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.2	5.0	5.8	6.6	7.4	8.2	9.8
61	13	7	1	1	2	10	11	22	0	33	3	0	0	0	0	0	0	0	7.7	8.4	9.6	10.0	10.6	11.1	11.6	12.5	13.1	13.5
61	13	8	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.5	5.0	5.5	6.5
61	13	9	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.0	4.6	5.2	5.9	6.4	6.9	7.9
61	13	10	1	1	1	1X	1X	12	0	0	0	0	0	0	0	0	2	2	.0	.0	.0	.0	.0	3.9	4.4	5.0	5.4	6.4
61	13	11	2	2	2	32	31	32	0	0	0	0	0	0	30	0	0	0	25.0	25.5	26.0	26.4	26.9	27.5	27.9	28.6	28.9	29.9
61	13	12	2	2	2	33	34	34	0	0	0	0	0	0	30	0	0	0	30.6	30.8	31.0	31.2	31.5	31.5	31.8	31.8	31.9	32.1
61	13	13	2	2	2	42	42	42	0	0	0	0	0	0	30	0	0	0	29.2	29.5	29.8	30.1	30.4	30.8	31.0	31.4	31.8	32.5
61	13	14	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.0	4.6	5.4	5.8	6.3	7.3
61	13	15	2	2	2	22	23	33	0	0	0	30	0	30	9	0	0	0	14.9	15.2	15.5	15.8	16.0	16.2	16.3	16.5	16.8	17.0
61	13	16	2	2	2	21	22	22	0	0	52	0	0	3	30	30	30	0	17.8	18.3	18.9	19.4	19.9	20.3	20.8	21.1	21.5	22.5
61	13	17	2	2	2	22	23	23	0	0	0	0	0	0	0	30	30	30	13.4	13.7	14.1	14.3	14.6	14.8	15.0	15.1	15.3	15.8
61	13	18	2	2	2	21	21	22	0	0	0	0	0	0	30	0	30	0	16.5	17.1	17.8	18.4	19.0	19.6	20.1	20.6	21.0	21.9
61	13	19	2	2	2	22	22	22	0	0	0	0	0	0	30	0	0	0	16.9	17.3	17.8	18.3	18.6	19.0	19.3	19.7	20.1	20.8
61	13	20	2	2	2	22	23	23	0	0	0	0	0	0	30	0	0	0	17.7	18.1	18.6	19.0	19.4	19.8	19.9	20.0	20.3	20.5
61	13	21	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	5.0
61	13	22	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.5	5.0	6.0
61	13	23	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	4.2	5.2	6.4	7.3	8.2	9.2	10.1	11.5
61	13	24	1	1	1	1X	1X	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	4.6	5.0	6.0
61	13	25	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	5.4	5.8	6.3	6.7	7.1	7.6	8.0	8.4	8.9	9.7
61	13	26	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.0	4.7	5.3	5.8	6.3	7.3
61	13	27	1	1	1	1X	12	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.1	4.5	4.8	5.3	5.9	6.9
61	13	28	1	1	1	1X	1X	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.6	5.1	6.0
61	13	29	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.2	5.1	6.2	7.1	7.7	8.4	9.2	10.4
61	13	30	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	3.6	4.6	5.8	6.7	7.6	8.5	9.0	10.2
61	13	31	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.2	4.5	4.8	5.2	5.5	6.0	6.7
61	13	32	1	1	1	1X	1X	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.3	4.7	5.2	6.1
61	13	33	2	2	2	33	33	32	0	64	0	0	0	0	30	0	0	0	25.4	25.8	26.2	26.5	26.5	27.0	27.2	27.2	27.5	28.1
61	13	34	2	2	2	32	33	33	0	0	52	0	0	0	30	0	0	0	22.4	22.7	23.1	23.3	23.6	23.8	23.9	24.1	24.3	24.6
61	13	35	2	2	2	34	34	34	0	0	0	0	31	0	30	0	0	0	15.2	15.2	15.2	15.3	15.3	15.4	15.6	15.6	15.6	15.6
61	13	36	2	2	2	34	34	34	0	0	0	0	31	0	30	0	0	0	11.1	11.3	11.5	11.6	11.6	11.8	11.8	12.0	12.1	12.2
61	13	37	2	2	2	24	24	24	0	20	0	0	32	30	30	30	0	0	18.6	18.7	18.9	18.9	18.9	19.1	19.1	19.1	19.2	19.2
61	13	38	2	2	2	32	32	32	0	65	52	0	0	0	0	0	0	0	32.8	33.3	33.8	34.3	34.7	35.4	35.7	36.1	36.5	37.3
61	13	39	2	2	2	32	33	34	0	65	0	0	0	0	0	30	30	0	21.7	22.1	22.3	22.5	23.2	23.2	23.4	23.6	23.7	23.9
61	13	40	3	2	2	32	33	33	0	0	0	0	0	0	30	0	0	0	24.0	24.3	24.6	25.2	25.3	25.5	25.7	25.9	26.1	26.6

61	13	41	2	2	2	32	33	33	0	0	0	0	0	0	0	0	0	0	24.1	24.4	24.7	25.0	25.2	25.4	25.7	25.9	26.1	26.5
61	13	42	2	2	2	33	33	33	0	0	0	0	0	0	0	0	0	0	21.3	21.5	21.7	21.9	22.1	22.2	22.6	22.8	23.1	23.4
61	13	43	2	2	2	43	44	44	0	0	0	0	0	0	0	0	30	0	29.1	29.3	29.5	29.6	29.8	29.8	30.0	30.1	30.1	30.5
61	13	44	2	2	2	33	33	33	0	0	0	0	0	0	0	0	0	0	23.4	23.6	23.9	24.1	24.3	24.6	24.7	24.8	25.0	25.3
61	13	45	2	2	2	34	33	33	0	0	0	0	0	0	30	0	0	0	14.9	15.0	15.0	15.3	15.4	15.6	15.7	15.9	16.1	16.4
61	13	46	2	2	2	32	32	33	0	0	0	0	0	0	30	0	0	0	28.0	28.4	28.8	29.2	29.7	30.0	30.2	30.6	30.9	31.3
61	13	47	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.7	4.3	5.0	6.2
61	13	48	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.1	4.6	5.0	5.4	6.6
61	13	49	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	.0	4.2	4.6	5.0	5.4	5.8	6.3	6.6	6.9	7.5
61	13	50	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	0	.0	4.2	4.8	5.5	6.2	6.8	7.5	8.2	9.0	10.2
61	13	51	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	3.9	4.3	4.6	5.0	5.4	5.9	6.4
61	13	52	1	1	2	10	10	21	0	0	0	0	0	0	0	0	0	0	3.9	5.0	6.2	7.3	8.3	9.0	10.0	10.9	11.7	12.9
61	13	53	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.0	4.3	4.6	5.0	5.4	5.8	6.4
61	13	54	1	1	1	1X	12	13	0	0	0	0	0	0	0	0	0	0	.0	.0	3.8	4.1	4.4	4.7	5.1	5.3	5.7	6.0
61	13	55	1	1	1	12	12	13	0	0	0	0	0	0	0	0	0	73	4.1	4.3	4.6	5.2	5.5	5.7	6.0	6.3	6.6	7.0
61	13	56	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.1	4.8	5.5	6.2	6.9	7.6	8.6	9.7
61	13	57	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.0	4.3	4.7	5.2	5.5	6.2
61	13	58	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.5	5.0	6.2
61	13	59	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.0	4.4	5.0	5.4	5.8	6.4
61	13	60	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	35	5.3	5.7	6.0	6.4	6.8	7.1	7.5	7.9	8.5	9.0
61	13	61	1	1	1	1X	11	12	0	0	0	0	0	0	33	33	34	35	.0	.0	.0	3.8	4.3	4.9	5.5	5.8	6.3	7.1
61	13	62	1	1	1	12	12	13	0	0	0	0	0	0	0	0	0	0	.0	4.2	4.6	5.0	5.4	5.7	5.9	6.2	6.3	6.6
61	13	63	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	5.9	6.7	7.6	8.5	9.2	9.8	10.4	11.0	11.4	11.9
61	13	64	1	1	1	1X	12	12	0	0	0	0	0	33	33	33	34	35	.0	.0	.0	3.8	4.2	4.5	4.7	5.3	5.7	6.1
61	13	65	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	5.4	5.7	6.0	6.3	6.6	6.9	7.2	7.5	7.8	8.4
61	13	66	1	2	2	20	21	22	0	0	0	0	0	0	0	0	0	52	11.2	12.1	13.2	14.2	14.7	15.6	16.1	16.7	17.3	18.0
61	13	67	1	1	1	11	11	13	0	0	0	0	0	0	0	0	0	0	4.7	5.6	6.5	7.3	7.3	8.2	8.5	8.9	9.2	9.5
61	13	68	1	1	2	11	13	24	0	33	0	0	0	0	0	0	0	9	8.6	9.2	10.3	10.8	11.1	11.3	11.7	11.8	12.0	12.1
61	13	69	1	1	1	11	11	12	0	0	0	0	0	0	0	0	0	0	6.3	6.9	7.5	8.1	8.6	9.1	9.5	10.1	10.4	11.0
61	13	70	1	1	1	11	12	13	0	0	0	0	0	0	0	0	0	0	5.5	6.0	6.8	7.3	7.5	7.9	8.0	8.4	8.5	8.8
61	13	71	1	1	1	13	14	14	0	0	0	0	0	0	0	0	0	0	4.6	4.7	4.9	5.1	5.3	5.4	5.5	5.6	5.7	6.0
61	13	72	1	1	1	11	13	14	0	0	0	0	0	0	0	0	0	0	3.9	4.4	4.9	5.1	5.9	6.3	6.5	6.6	6.7	6.9
61	13	73	1	1	1	11	12	13	0	0	0	0	0	0	0	0	0	0	5.2	5.8	6.5	7.0	7.5	7.8	8.0	8.4	8.7	8.9
61	30	74	1	1	1	11	11	13	0	0	0	0	0	0	0	0	0	1	4.6	5.2	5.8	6.3	7.0	7.4	7.9	8.5	8.9	9.0
61	13	75	1	1	1	11	12	12	0	0	33	0	0	0	0	0	0	0	6.7	7.3	8.1	8.7	9.2	9.9	10.1	10.5	10.9	11.6
61	13	76	1	1	1	13	14	14	0	0	0	0	0	0	0	0	0	0	4.6	4.8	5.1	5.2	5.3	5.5	5.6	5.7	5.8	6.0
61	13	77	1	1	1	12	13	14	0	0	0	0	0	0	0	0	0	0	4.9	5.2	5.6	5.9	6.1	6.4	6.5	6.6	6.9	6.9
61	13	78	1	1	1	12	13	14	0	33	0	0	0	0	0	0	0	0	7.7	8.1	8.7	9.1	9.4	9.7	9.8	10.1	10.1	10.2
61	13	79	1	1	1	12	13	13	0	0	0	0	0	0	0	0	0	0	5.6	6.0	6.5	6.8	7.2	7.4	7.6	7.9	8.2	8.5
61	13	80	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	5.0	5.4	5.8	6.2	6.6	7.0	7.4	7.8	8.3	8.8
61	13	81	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	0	6.1	6.6	7.2	7.6	8.2	8.6	8.9	9.2	9.6	10.3
61	13	82	1	1	1	11	13	12	0	0	0	0	0	0	0	0	0	0	4.1	4.6	5.2	5.7	6.1	6.4	6.7	6.9	7.2	7.7
61	13	83	1	1	1	12	13	13	0	0	0	0	0	0	0	0	0	0	6.6	6.9	7.4	7.7	7.9	8.1	8.2	8.4	8.6	8.9
61	13	84	1	1	1	12	14	14	0	0	0	0	0	0	0	0	0	0	6.8	7.1	7.6	7.8	8.1	8.2	8.3	8.5	8.6	8.8
61	13	85	1	1	1	11	12	13	0	0	0	0	0	0	0	0	0	3	8.2	8.7	9.5	9.9	10.3	10.6	11.0	11.2	11.4	11.7
61	13	86	1	1	2	11	11	21	0	3	0	0	0	0	0	0	0	0	7.9	8.6	9.5	10.2	10.7	11.2	11.7	12.3	12.9	13.8
61	13	87	1	1	1	11	13	13	0	0	0	0	0	0	0	0	0	0	3.7	4.2	4.9	5.4	5.7	6.0	6.2	6.4	6.6	7.0
61	13	88	1	1	2	11	11	22	0	0	0	0	0	0	0	0	0	0	7.8	8.4	9.2	9.4	10.3	10.9	11.3	12.0	12.6	12.8
61	13	89	1	1	1	13	14	14	0	33	0	0	0	0	0	0	0	3	8.4	8.6	8.9	9.1	9.3	9.4	9.5	9.6	9.6	9.7
61	13	90	1	1	1	11	12	13	0	0	0	0	0	0	0	0	0	0	6.3	6.9	7.6	8.3	8.8	9.2	9.7	10.1	10.5	10.8
61	13	91	1	1	1	13	13	14	0	0	0	0	0	0	0	0	0	0	4.5	4.7	4.9	5.1	5.3	5.5	5.6	5.8	5.9	6.1
61	13	92	1	1	2	10	11	12	0	0	0	0	0	0	0	0	0	0	7.6	8.8	9.9	10.8	11.4	12.1	12.6	13.3	14.0	14.7
61	13	93	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	0	5.0	5.6	6.5	7.0	7.5	7.9	8.2	8.6	9.0	9.7
61	13	94	1	1	1	13	13	13	0	0	0	0	0	0	0	0	0	0	5.9	6.1	6.6	6.8	6.8	6.9	7.1	7.3	7.5	7.8
61	13	95	1	1	1	12	13	14	0	0	0	0	0	0	0	0	0	0	.0	3.9	4.4	4.7	5.2	5.3	5.4	5.6	5.7	6.0
61	13	96	1	1	1	12	12	12	0	33	0	0	0	0	0	0	0	2	6.0	6.5	6.9	7.5	7.9	8.3	8.6	9.1	9.4	10.0
61	13	97	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	5.8	6.1	6.4	6.7	7.0	7.3	7.6	7.9	8.3	8.9
61	13	98	1	1	1	11	12	13	0	0	0	0	0	0	0	0	0	0	5.4	6.0	6.7	7.4	7.9	8.3	8.7	9.1	9.3	9.8
61	13	99	1	1	1	10	12	11	0	0	0	0	0	0	0	0	0	0	.0	4.3	5.2	6.2	7.0	7.4	8.0	8.1	9.3	10.1
61	13	100	1	1	1	10	11	12	0	0	0	0	0	0	30	0	0	2	4.6	5.4	6.4	7.3	7.9	8.4	8.9	9.4	9.8	10.3
61	13	101	1	1	2	11	12	21	0	0	0	0	0	0	0	0	0	0	7.4	8.1	8.9	9.6	10.2	10.7	11.1	11.6	12.1	13.7
61	13	102	1	1	2	10	11	22	0	33	0	0	0	0	0	0	0	0	8.7	9.4	10.1	11.0	11.5	12.0	12.5	13.2	13.6	14.5
61	13	103	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	0	6.5	7.1	7.8	8.4	8.9	9.3	9.7	10.1	10.4	11.0
61	13	104	1	1	2	10	21	22	0	0	0	26	20	20	20	20	20	0	8.9	9.8	11.1	12.1	12.4	13.2	13.5	14.4	14.9	15.4
61	13	105	1	1	2	11	12	22	0	0	0	0	0	0	0	0	0	0	9.2	9.8	10.6	11.0	11.5	11.9	12.2	12.8	13.1	13.7
61	13	106	1	1	1	10	10	10	0	0	0	0	0	0	0	0	0	0	.0	3.9	4.6	5.3	6.1	6.8	7.6	8.3	9.2	10.5
61	13	107	1	1	1	10	11	10	0	0	0	0	0	0	30	0	0	33	3.7	5.1	6.7	8.0	9.2	9.6	10.2	10.7	11.3	12.8
61	13	108	1	2	2	10	20	21	0	0	0	0	0	14	0	0	0	0	8.0	9.2	10.6	11.6	12.7	13.5	14.3	15.1	15.9	16.7
61	13	109	1	1	1	13	13	13	0	0	0	0	0	0	0	0	0	0	4.9	5.0	5.4	5.6	5.7	5.9	6.1	6.4	6.6	7.0
61	13	110	1	1	1	10	10	11	0	0	0	0	0	0	0	0	0	0	4.2	5.2	6.3	7.4	8.2	9.0	9.8	10.6	11.4	12.5
61	13	111	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	0	4.0	4.6	5.2	5.8	6.4	7.0	7.6	8.2	8.9	9.9
61	13	112	1	1	2	10	10	21	0	0	0	0	0	0	0	0	0	0	6.0	7.1	8.3	9.5	10.4	11.1	11.8	12.7	13.3	14.4
61	13	113	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	5.8	6.6	7.7	8.5	9.1	9.6	10.1	10.6	11.1	11.7
61	13	114	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	3.9	4.7	5.7	6.5	7.2	7.8	8.3	8.9	9.5	10.2
61	13	115	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	0	.0	3.9	4.5	4.9	5.6	6.3	6.5	6.8	7.4	8.1
61	13	116	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	4.9	5.3	5.7	6.1	6.5	6.9	7.3	7.7	8.1	8.8
61	13	117	1	1	1	10	10	11	0	0	0	0	0	0	30	0	0	0	.0	4.1	5.7	7.0	8.1	8.8	9.6	10.4	11.1	11.9
61	13	118	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	.0	4.1	4.4	4.7	5.0	5.4	5.7	6.0	6.4	7.0
61	13	119	2	2	2	44	44	44	0	5	61	52	0	0	30	0	0	0	28.0	28.2	28.3	28.3	28.3	28.4	28.5	28.6	28.9	28.9
61	13	120	1	1	2	10	10	11	0	0	0	0	0	0	0	0	0	0	.0	4.4	5.8	7.3	8.3	9.3	10.1	11.1	11.8	13.0
61	13	121	1	1	1	1X	13	12	0	0	0	0	0	0	0	0	0	0	.0	.0	4.0	4.3	4.6	5.0	5.0	5.4	5.7	6.2
61	13	122	1	1	1	10	12	13	0	0	0	0	0	0	0	0	0	0	.0	3.6	4.3	5.5	5.9	6.3	6.5	6.8	7.0	7.5
61	13	123	2	2	2	42	44	44	0	5	0	0	0	0	30	0	0	52	32.2	32.5	32.9	33.2	33.3	33.5	33.5	33.6	33.7	33.8
61	13	124	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	4.0	4.3	4.6	5.0	5.4	5.7	6.2	6.7
61	13	125	2	2	2	42	42	42	0	5	0	0	0	3	30	0	0	0	25.4	25.8	26.3	26.5	26.9	27.2	27.6	28.0	28.3	28.8
61	13	126	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.7	5.2	6.2
61	13	127	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	4.0	4.4	4.9	5.2	5.6	6.0	6.4	7.2
61	13	128	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	3.9	4.3	4.8	5.1	5.5	5.8	6.1	6.7
61	13	129	1	1	1	10	12	11	0	0	0	0	0	0	0	0	0	0	3.8	4.5	5.4	6.1	6.7	7.0	7.6	8.0	8.7	9.6
61	13	130	1	2	2	10	20	21	0	0	34	0	0	33	30	0	0	0	8.5	9.5	10.8	12.0	12.6	13.3	14.1	15.1	15.9	17.0
61	13	131	1	1	2	10	12	22	0	0	34	0	0	0	0	0	0	0	7.2	7.7	8.4	10.2	10.6	11.0	11.5	11.8	12.3	12.6
61	13	132	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	4.0	5.1	6.4	7.5	8.3	8.9	9.4	10.1	10.6	11.4
61	13	133	1	1	2	10	10	21	0	0	0	0	0	0	0	0	0	0	5.5	6.6	7.9	9.1	9.9	10.5	11.3	12.0	12.7	13.8
61	13	134	1	1	2	10	10	21	0	0	0	0	0	0	30	0	0	0	5.7	6.9	8.1	9.3	10.4	11.4	12.2	13.2	13.8	14.7
61	13	135	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	0	4.0	4.6	5.2	5.8	6.4	7.0	7.7	8.3	9.2	10.2
61	13	136	1	1	2	10	11	21	0	0	0	0	0	0	30	0	0	0	5.7	6.8	7.9	9.3	10.2	10.7	11.4	12.1	12.9	13.8
61	13	137	2	2	2	22	22	22	0	0	0	0	0	0	30	0	0	0	16.4	16.8	17.2	17.7	18.1	18.6	18.9	19.3	19.8	20.4
61	13	138	2	2	2	21	32	32	0	0	0	0	0	0	30	0	0	0	17.8	18.4	19.2	19.3	20.1	20.6	20.7	21.0	21.3	21.8
61	13	139	2	2	2	21	31	32	0	0	0	0	0	0	30	0	0	0	17.8	18.4	19.0	19.7	20.2	20.8	21.2	21.7	22.3	22.9
61	13	140	2	2	2	30	31	32	0	0	0	0	0	0	30	0	0	0	20.2	21.0	21.9	22.4	23.3	23.6	24.0	24.8	24.9	25.8

61	13	141	2	2	2	30	33	33	0	0	0	0	0	0	0	0	0	0	21.5	22.2	23.1	23.5	24.4	24.6	25.0	25.1	25.3	25.6
61	13	142	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	4.9	5.3	5.7	6.1	6.5	6.9	7.3	7.7	8.2	8.9
61	13	143	1	1	1	11	12	12	0	0	34	0	0	0	30	0	0	0	4.7	5.3	6.0	6.6	7.0	7.4	7.8	8.0	8.4	8.8
61	13	144	1	1	2	10	11	21	0	0	0	0	0	0	30	0	0	0	6.3	7.2	8.2	9.1	9.8	10.4	11.0	11.7	12.3	13.2
61	13	145	1	1	1	13	14	14	0	0	0	0	0	0	0	0	0	0	5.8	5.9	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8
61	13	146	1	1	1	11	12	13	0	0	0	0	0	0	0	0	0	0	6.7	7.3	8.1	8.6	9.1	9.6	9.9	10.3	10.7	11.0
61	13	147	1	1	2	11	11	22	0	0	0	0	0	0	0	0	0	0	6.9	7.6	8.4	9.0	9.6	10.1	10.5	11.2	11.8	12.5
61	13	148	1	1	1	12	12	13	0	0	0	0	0	0	0	0	0	0	5.7	6.1	6.7	7.0	7.4	7.7	7.9	8.2	8.4	8.6
61	13	149	1	1	2	11	12	22	0	0	0	0	0	0	0	0	0	0	9.5	10.0	10.6	11.2	11.5	11.7	12.2	12.5	12.9	13.4
61	13	150	1	1	1	13	13	14	0	0	0	0	0	0	0	0	0	0	6.3	6.4	6.5	6.7	6.9	7.1	7.3	7.4	7.5	7.7
61	13	151	1	1	1	11	11	12	0	0	0	0	0	0	0	0	0	0	7.0	7.7	8.5	9.2	9.7	10.3	10.7	11.4	12.0	12.8
61	13	152	1	1	1	11	10	11	0	0	0	0	0	0	0	0	0	0	3.7	4.5	5.3	6.1	6.2	7.3	7.8	8.4	9.0	10.0
61	13	153	1	1	1	10	13	12	0	0	0	0	0	0	0	0	0	0	5.9	6.8	7.4	8.8	9.4	9.7	10.0	10.1	10.3	11.1
61	13	154	1	1	1	12	12	13	0	0	9	0	0	0	0	0	0	0	4.1	4.6	5.1	5.7	6.0	6.3	6.6	6.8	7.0	7.4
61	13	155	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	6.3	7.1	8.1	8.9	9.5	10.0	10.5	11.0	11.4	12.2
61	13	156	1	1	1	10	11	12	0	14	0	0	0	33	0	0	0	0	4.9	5.9	7.0	8.2	9.1	9.6	10.2	10.8	11.2	12.0
61	13	157	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	0	3.5	4.5	5.5	6.7	7.5	8.2	8.8	9.5	10.3	11.3
61	13	158	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	3.6	4.2	5.1	6.0	7.1	7.6	8.0	8.6	9.1	9.9
61	13	159	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	0	4.6	5.6	6.6	7.5	8.5	9.0	9.8	10.5	11.2	12.3
61	13	160	1	1	1	13	13	13	0	0	0	0	0	0	0	0	0	0	6.1	6.3	6.5	6.7	6.9	7.1	7.4	7.6	7.9	8.2
61	13	161	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	6.0	6.3	6.6	6.9	7.2	7.5	7.8	8.1	8.5	9.1
61	13	162	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	5.2	5.5	5.8	6.1	6.4	6.7	7.0	7.3	7.6	8.2
61	13	163	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	3	.0	4.2	4.6	5.1	5.5	5.9	6.3	6.7	7.0	7.5
61	13	164	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	0	3.7	4.4	5.1	5.8	6.6	7.3	7.9	8.6	9.3	10.2
61	13	165	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	20	.0	3.9	4.5	5.1	5.7	6.3	6.9	7.5	8.1	9.3
61	13	166	1	1	1	10	11	12	0	0	0	0	0	35	0	0	0	2	4.0	4.7	5.3	6.0	7.0	7.5	8.0	8.6	9.1	9.7
61	13	167	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	0	4.9	5.4	5.9	6.4	6.9	7.4	7.9	8.4	8.9	9.9
61	13	168	1	1	1	1X	12	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.1	4.5	5.0	5.5	5.9	6.4	7.4
61	13	169	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.9	4.4	4.9	6.0
61	13	170	2	2	2	32	34	33	0	0	0	0	0	0	30	30	0	0	28.7	29.1	29.7	29.9	30.2	30.4	30.4	30.5	30.7	31.0
61	13	171	1	1	1	12	13	13	0	0	0	0	0	0	0	0	0	0	4.2	4.5	4.8	5.1	5.3	5.5	5.7	5.9	6.1	6.4
61	13	172	1	1	1	1X	1X	12	0	0	0	0	0	0	0	0	0	2	.0	.0	.0	.0	.0	4.0	4.4	4.8	5.2	6.0
61	13	173	1	1	1	12	13	13	0	0	0	0	0	0	0	0	0	0	5.6	6.0	6.6	7.0	7.3	7.5	7.7	7.9	7.9	8.3
61	13	174	1	1	2	11	12	22	0	0	0	0	0	0	0	0	0	0	7.7	8.3	9.0	9.7	10.1	10.5	10.8	11.3	11.7	12.2
61	13	175	1	1	1	1X	13	13	0	0	0	0	0	0	0	0	0	35	.0	.0	4.0	4.3	4.6	4.8	5.1	5.3	5.6	6.0
61	13	176	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	4.2	4.4	4.7	5.0	5.3	5.7	6.1	6.5	6.9	7.7
61	13	177	2	2	2	33	33	34	0	0	52	0	0	60	30	0	0	0	25.2	25.4	25.7	26.0	26.1	26.3	26.5	26.7	26.7	26.9
61	13	178	2	2	2	22	23	23	0	34	0	0	0	0	30	0	0	0	17.1	17.5	18.2	18.6	18.8	18.9	19.1	19.4	19.6	19.8
61	13	179	1	1	1	12	13	13	0	0	0	0	0	33	34	34	34	35	5.0	5.3	5.6	5.9	6.2	6.5	6.7	6.8	6.9	7.3
61	13	180	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.1	4.5	5.0	5.5	6.5
61	13	181	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	3.7	4.3	4.8	5.3	5.8	6.9
61	13	182	1	1	1	10	10	11	0	0	0	0	0	0	0	0	0	0	3.6	4.3	5.2	6.1	6.9	7.6	8.4	9.1	9.5	11.0
61	13	183	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	3	.0	4.2	4.6	5.0	5.4	5.8	6.2	6.5	6.8	7.3
61	13	184	2	2	2	43	44	44	0	64	52	9	0	0	0	0	0	0	34.5	34.7	35.1	35.1	35.2	35.2	35.2	35.3	35.6	35.6
61	13	185	2	2	2	43	43	44	0	14	52	20	64	0	0	0	0	0	33.6	33.8	34.0	34.3	34.4	34.5	34.6	34.9	34.9	34.9
61	13	186	1	1	2	21	22	22	0	0	0	0	0	0	30	0	0	0	20.5	21.1	21.9	22.6	23.0	23.7	24.0	24.4	24.8	25.4
61	13	187	1	1	2	12	12	12	0	0	0	0	0	0	30	0	0	0	9.4	9.7	10.2	10.7	11.0	11.4	11.7	12.1	12.5	13.0
61	13	188	2	2	2	23	24	24	0	0	0	0	0	0	0	31	0	0	18.2	18.5	18.9	19.2	19.2	19.3	19.3	19.3	19.4	19.5
61	13	189	2	2	2	22	22	22	0	0	0	0	0	0	30	30	0	0	16.6	17.0	17.4	18.1	18.3	18.6	19.0	19.2	19.4	20.0
61	13	190	2	2	2	23	24	24	0	0	0	0	0	0	30	31	0	0	13.7	13.9	14.1	14.3	14.4	14.5	14.6	14.6	14.6	14.7
61	13	191	2	2	2	21	22	22	0	0	0	0	0	0	0	31	0	0	17.5	18.1	18.8	19.3	19.9	20.2	20.5	21.0	21.4	21.9
61	13	192	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	.0	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.2	6.6
61	13	193	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	.0	3.8	4.2	4.5	4.8	5.2	5.4	5.7	6.1	6.6
61	13	194	2	2	2	41	42	42	0	0	0	0	0	0	0	0	0	0	31.5	32.0	32.7	33.2	33.5	34.1	34.4	34.8	35.1	36.0
61	13	195	2	2	2	32	33	33	0	0	0	0	0	0	3	30	30	0	26.7	27.0	27.4	27.6	27.9	28.1	28.3	28.4	28.6	29.0
61	13	196	2	2	2	32	33	33	0	0	0	0	0	0	0	30	0	0	23.7	24.0	24.5	24.8	24.9	25.1	25.3	25.4	25.6	26.1
61	13	197	1	2	2	20	21	21	0	0	0	0	0	0	0	30	0	0	15.3	16.0	16.7	17.7	18.1	18.9	19.5	20.1	20.6	21.6
61	13	198	1	1	1	11	13	13	0	33	0	0	0	0	3	0	0	2	7.2	7.7	8.3	8.9	9.3	9.5	9.6	9.9	10.2	10.4
61	13	199	2	1	1	2X	2X	2X	0	0	90	0	0	0	0	0	0	0	15.9	15.9	15.9	.0	.0	.0	.0	.0	.0	.0
61	13	200	2	2	2	24	24	24	0	0	0	0	0	30	32	32	32	98	22.1	22.2	22.2	22.2	22.3	22.3	22.4	22.4	22.4	22.5
61	13	201	2	2	1	22	2X	2X	0	0	0	0	91	0	0	0	0	0	14.8	15.2	15.9	16.5	16.5	.0	.0	.0	.0	.0
61	13	202	2	2	1	3X	3X	3X	0	0	92	0	0	0	0	0	0	0	23.7	23.7	23.7	.0	.0	.0	.0	.0	.0	.0
61	13	203	2	2	2	33	32	34	0	0	0	0	0	0	40	40	41	42	93	29.7	29.9	29.9	30.1	30.5	30.9	31.3	31.7	31.9	32.0
61	13	204	2	2	2	34	34	34	0	64	0	0	0	0	0	40	41	42	93	27.4	27.5	27.6	27.6	27.7	27.7	27.7	27.7	27.7	28.0
61	13	205	2	2	2	34	3X	3X	0	0	0	0	0	33	93	0	0	0	25.3	25.5	25.8	25.8	25.8	25.9	26.0	.0	.0	.0
61	13	206	2	2	2	43	4X	4X	0	65	0	0	76	0	0	0	0	0	27.9	28.1	28.4	28.7	28.7	28.8	.0	.0	.0	.0
61	13	207	2	2	2	42	4X	4X	0	65	0	0	52	90	0	0	0	0	20.5	20.8	21.1	21.5	21.7	21.7	.0	.0	.0	.0
61	13	208	1	1	1	11	11	1X	0	0	0	0	0	0	0	0	0	97	0	3.6	4.3	5.0	5.8	6.4	7.1	7.6	8.2	8.2	.0
61	13	209	1	1	1	1X	10	1X	0	0	0	0	0	0	0	0	0	97	0	.0	.0	.0	4.5	5.6	6.5	7.3	8.0	8.0	.0

TABLE 1.14:

PLOT NO.	SUB PLOT NO.	TREE NO.	AGE CLASS 20 40 60	AGE-VIGOR I II III	TREE CONDITION CODE 1920 25 30 35 40 45 50 55 60 70	D.B.H. (INCHES) 1920	25	30	35	40	45	50	55	60	70
61	14	1	1 1 1	1X 1X 1X	0 0 0 0 0 0 0 0 0 14	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.0
61	14	2	1 1 1	1X 1X 1X	0 0 0 0 0 0 0 0 0 0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.1
61	14	3	1 1 1	1X 1X 10	0 0 0 0 0 0 0 0 0 0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.8
61	14	4	1 1 1	1X 1X 11	0 0 0 0 0 0 0 0 0 0	.0	.0	.0	.0	.0	4.1	4.7	5.3	6.0	7.3
61	14	5	1 1 1	1X 1X 11	0 0 0 0 0 0 0 0 0 14	.0	.0	.0	.0	.0	.0	3.8	4.3	5.0	6.4
61	14	6	1 1 1	1X 1X 1X	0 0 0 0 0 0 0 0 2 2	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.1
61	14	7	1 1 1	11 11 14	0 0 0 0 0 0 0 0 0 0	14.7	15.0	15.6	16.2	16.9	17.3	17.8	18.7	18.9	19.0
61	14	8	1 1 1	1X 1X 11	0 0 0 0 0 0 0 0 0 0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.1
61	14	9	1 1 1	1X 1X 10	0 0 0 0 0 0 0 0 0 0	.0	.0	.0	.0	.0	.0	3.6	4.4	5.1	6.5
61	14	10	1 1 1	1X 1X 10	0 0 0 0 0 0 0 0 0 0	.0	.0	.0	.0	.0	.0	3.6	4.5	5.4	7.3
61	14	11	2 2 2	32 34 34	0 0 0 0 60 0 0 0 0 60	34.1	34.4	34.8	35.1	35.2	35.2	35.2	35.5	35.5	35.5
61	14	12	1 1 1	1X 1X 10	0 0 0 0 0 0 0 0 0 0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.3
61	14	13	1 1 1	1X 10 11	0 0 0 0 0 0 0 0 0 0	.0	.0	4.1	5.6	6.5	7.4	8.3	9.0	9.7	10.8
61	14	14	1 1 1	10 12 12	0 0 0 0 0 0 0 0 0 0	4.2	5.1	6.2	7.1	7.8	8.2	8.6	9.2	9.7	10.2
61	14	15	1 1 1	1X 1X 10	0 0 0 0 0 0 0 0 0 0	.0	.0	.0	.0	.0	.0	4.2	5.0	5.6	7.1
61	14	16	1 1 1	1X 1X 10	0 0 0 0 0 0 0 0 0 0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.5
61	14	17	1 1 1	1X 10 12	0 0 0 0 0 0 0 0 0 0	.0	.0	.0	3.7	4.7	5.7	6.7	7.7	8.7	8.7
61	14	18	1 1 1	1X 1X 10	0 0 0 0 0 0 0 0 0 0	.0	.0	.0	.0	.0	4.1	4.7	5.2	6.0	7.4
61	14	19	1 1 1	1X 1X 10	0 0 0 0 0 0 0 0 0 0	.0	.0	.0	.0	.0	3.9	4.6	5.3	6.0	7.7
61	14	20	1 1 1	10 11 12	0 0 0 0 0 0 14 30 0 0 0	.0	4.1	5.4	6.4	7.0	7.6	8.1	8.5	8.8	9.3

61	14	21	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	3	.0	.0	.0	.0	.0	.0	.0	4.2	5.3	6.1
61	14	22	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	4.1	5.0	6.2	7.2	7.7	8.2	8.8	9.3	9.8	10.3
61	14	23	1	1	1	10	11	12	0	33	0	0	0	0	0	0	0	3	4.2	5.1	6.2	7.1	7.8	8.4	8.8	9.5	9.9	10.6
61	14	24	1	1	1	10	10	22	0	33	0	0	0	0	30	0	0	52	3.8	5.2	6.7	8.3	9.5	10.4	11.2	12.0	12.5	13.2
61	14	25	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.6	4.3	6.0
61	14	26	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.6
61	14	27	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	4.8	5.5	6.2	7.0	7.6	8.1	8.6	9.2	9.8	10.5
61	14	28	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.8	6.2
61	14	29	1	1	1	10	1X	1X	0	0	0	0	0	0	92	0	0	0	.0	3.9	4.9	5.8	6.5	7.0	7.0	.0	.0	.0
61	14	30	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.2	4.6	5.0	5.4	5.8	6.4
61	14	31	1	1	1	22	22	23	0	0	0	0	0	0	0	0	0	3	17.5	17.9	18.4	18.9	19.2	19.7	19.8	20.0	20.2	20.6
61	14	32	1	1	1	11	10	11	0	0	0	0	0	0	0	0	0	0	.0	4.2	4.8	5.8	6.2	7.4	8.0	8.8	9.4	10.6
61	14	33	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	5.8	6.1	6.4	6.7	7.0	7.3	7.6	7.9	8.2	8.8
61	14	34	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	0	5.2	6.1	7.2	8.0	8.8	9.3	9.9	10.6	11.1	12.1
61	14	35	1	1	1	12	13	12	0	0	0	0	0	0	0	0	0	0	5.8	6.0	6.3	6.5	6.8	7.0	7.3	7.5	7.8	8.3
61	14	36	1	1	1	22	23	22	0	0	0	0	0	0	31	0	0	0	19.5	19.9	20.5	20.9	21.2	21.3	21.4	21.7	22.4	22.9
61	14	37	1	1	1	10	12	12	0	0	0	0	0	33	0	0	0	0	5.3	6.0	6.7	7.7	8.2	8.6	9.1	9.6	10.1	10.6
61	14	38	1	1	1	13	12	13	0	0	0	0	0	0	0	0	0	14	6.2	6.5	6.7	7.0	7.2	7.5	7.7	8.0	8.2	8.7
61	14	39	1	1	1	10	12	13	0	33	33	0	33	33	33	0	33	33	6.0	6.7	7.5	8.2	8.9	9.4	9.8	10.2	10.5	10.8
61	14	40	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	3	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.5
61	14	41	1	1	1	10	11	22	0	0	0	0	0	0	0	0	0	3	6.8	7.6	8.5	9.6	10.0	10.7	11.2	11.9	12.5	13.2
61	14	42	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	5.3	5.7	6.1	6.4	6.7	7.1	7.4	7.7	8.2	8.7
61	14	43	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	70	13	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.2
61	14	44	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	33	33	.0	.0	.0	.0	.0	3.6	4.3	5.2	6.0	7.3
61	14	45	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	5.0	6.3
61	14	46	1	1	1	13	13	13	0	0	0	0	0	0	0	0	0	0	6.1	6.3	6.5	6.7	6.9	7.1	7.3	7.5	7.7	8.1
61	14	47	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	0	5.5	6.3	7.4	8.3	8.8	9.3	9.8	10.2	10.7	11.4
61	14	48	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	5.0	5.8	6.7	7.5	8.1	8.7	9.2	9.9	10.3	11.3
61	14	49	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	70	14	.0	.0	.0	.0	.0	.0	4.2	5.3	6.0	7.2
61	14	50	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	70	14	.0	.0	.0	.0	.0	.0	4.1	5.2	5.9	7.1
61	14	51	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.6	5.2	6.9
61	14	52	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	53	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.2
61	14	53	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	3	5.0	5.8	6.9	7.7	8.3	8.9	9.4	9.9	10.4	10.9
61	14	54	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	0	4.4	5.1	6.0	6.6	7.2	7.6	8.0	8.5	8.9	9.4
61	14	55	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	5.0	7.5
61	14	56	2	2	2	32	33	33	0	20	52	0	0	0	0	0	0	0	20.0	20.3	20.6	20.9	21.1	21.3	21.5	21.6	21.9	22.2
61	14	57	2	2	2	43	44	44	0	0	0	0	0	0	0	0	0	0	30.5	30.7	30.9	31.0	31.3	31.4	31.5	31.7	31.9	32.0
61	14	58	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	0	.0	4.2	4.7	5.3	5.8	6.4	6.9	7.5	8.0	9.1
61	14	59	1	1	1	10	10	21	0	0	0	0	0	0	0	0	0	0	5.9	6.8	7.8	8.8	9.5	10.3	11.0	11.8	12.5	13.6
61	14	60	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.9	5.2	7.6
61	14	61	1	1	1	1X	1X	11	0	0	0	0	0	0	31	31	33	33	.0	.0	.0	.0	.0	.0	4.0	4.6	5.0	6.1
61	14	62	1	1	1	10	11	22	0	0	0	0	0	0	0	0	0	0	7.9	8.7	9.6	10.5	11.2	11.8	12.4	13.1	13.5	14.4
61	14	63	1	1	1	11	12	12	0	34	0	0	0	0	0	0	0	0	5.9	6.5	7.2	8.0	8.4	8.8	9.2	9.7	9.9	10.5
61	14	64	1	1	1	1X	1X	10	0	0	0	0	0	31	31	31	32	33	.0	.0	.0	.0	.0	4.1	4.6	5.2	5.8	7.4
61	14	65	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	5.5	5.8	6.2	6.5	6.8	7.2	7.5	7.8	8.4	8.8
61	14	66	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	4.9	5.9	7.2	8.3	9.0	9.6	10.2	10.8	11.3	12.2
61	14	67	1	1	1	11	1X	1X	0	0	0	0	0	0	92	0	0	0	4.9	5.4	6.0	6.7	7.1	7.2	7.2	.0	.0	.0
61	14	68	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	0	.0	3.8	4.7	5.4	6.0	6.3	6.6	6.9	7.2	7.9
61	14	69	1	1	1	10	11	22	0	0	33	0	0	0	0	0	0	14	7.7	8.5	9.6	10.4	11.0	11.8	12.3	12.9	13.7	13.8
61	14	70	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	0	4.9	5.5	6.3	6.8	7.3	7.7	8.0	8.4	8.9	9.2
61	14	71	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	70	14	.0	.0	.0	.0	.0	.0	.0	4.1	5.0	6.4
61	14	72	1	1	1	11	11	12	0	34	0	0	0	0	0	0	0	3	6.6	7.3	8.1	8.7	9.3	9.8	10.2	10.8	11.2	11.7
61	14	73	1	1	1	11	11	12	0	0	0	0	0	0	0	0	0	3	5.5	6.2	7.0	7.6	8.2	8.7	9.1	9.8	10.2	10.8
61	14	74	1	1	1	11	12	14	0	0	0	0	0	3	0	0	0	0	8.3	8.8	9.6	10.2	10.3	10.7	10.8	11.1	11.3	11.4
61	14	75	1	1	1	12	13	12	0	34	0	0	0	14	14	14	14	14	4.2	4.6	5.0	5.5	5.9	6.2	6.2	6.4	6.8	7.3
61	14	76	1	1	1	10	11	21	0	0	22	0	0	23	0	0	0	0	7.5	8.2	9.0	9.6	10.3	10.9	11.3	12.0	12.6	13.5
61	14	77	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	70	14	.0	.0	.0	.0	.0	.0	4.0	4.6	5.2	6.7
61	14	78	1	1	1	1X	11	11	0	0	0	0	33	33	34	35	3	3	.0	.0	.0	4.0	4.6	5.3	6.0	6.6	7.2	8.7
61	14	79	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	3	7.1	8.0	9.0	10.0	10.7	11.3	11.8	12.5	13.0	13.7
61	14	80	1	1	1	10	21	22	0	0	0	0	0	0	0	0	0	0	8.8	9.9	11.1	12.3	13.2	13.8	14.5	15.1	15.8	16.5
61	14	81	1	1	1	10	12	13	0	0	0	9	0	0	0	0	0	3	3.9	4.6	5.5	6.2	6.8	7.3	7.7	8.1	8.5	8.9
61	14	82	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	3	4.7	5.7	6.8	7.8	8.6	9.3	9.9	10.5	11.2	11.9
61	14	83	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	70	13	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.0
61	14	84	1	1	1	1X	11	12	0	0	0	0	0	0	0	35	33	3	.0	.0	.0	4.0	4.6	5.2	5.8	6.4	7.0	7.6
61	14	85	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.8	4.3	5.0	5.4	6.9
61	14	86	1	1	1	1X	1X	10	0	0	0	0	0	0	0	70	14	14	.0	.0	.0	.0	.0	.0	3.6	4.3	6.0	7.4
61	14	87	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.6	5.2	6.6
61	14	88	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	3.9	4.6	5.2	6.0	6.6	8.0
61	14	89	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.9	6.2
61	14	90	2	2	2	42	43	44	0	0	0	0	0	0	30	0	0	57	36.3	36.6	37.0	37.3	37.6	37.9	37.9	38.1	38.2	38.5
61	14	91	2	2	2	32	33	32	3	3	3	3	3	3	3	3	3	3	22.5	22.9	23.3	23.7	24.1	24.5	24.7	24.9	25.2	25.7
61	14	92	2	2	2	32	33	34	0	0	0	0	0	0	0	9	0	0	25.4	25.8	26.3	26.6	27.0	27.2	27.2	27.6	27.7	27.9
61	14	93	2	2	2	30	32	32	0	0	0	0	0	0	0	0	0	0	20.8	21.6	22.5	23.2	23.9	24.5	24.8	25.3	25.7	26.6
61	14	94	1	1	1	1X	1X	10	0	0	0	0	0	0	33	33	35	3	.0	.0	.0	.0	.0	4.1	4.8	5.2	5.8	7.4
61	14	95	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.0	5.2	6.1	7.1	7.6	9.1
61	14	96	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.1
61	14	97	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	70	14	.0	.0	.0	.0	.0	.0	4.1	4.7	5.4	6.2
61	14	98	1	1	1	1X	11	10	0	0	0	0	0	0	0	0	70	14	.0	.0	.0	.0	4.1	4.7	5.4	6.0	6.5	8.3
61	14	99	1	1	1	1X	12	10	0	0	0	0	0	0	0	0	0	35	.0	.0	.0	4.2	5.0	5.3	5.5	5.9	6.6	8.3
61	14	100	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.6	5.0	5.6	6.9
61	14	101	1	1	1	1X	12	12	0	0	0	0	0	0	0	70	14	14	.0	.0	.0	4.1	4.6	5.2	5.6	6.0	6.6	7.1
61	14	102	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	70	14	.0	.0	.0	.0	.0	.0	.0	3.9	4.6	6.1
61	14	103	2	2	2	32	33	34	0	0	52	0	0	0	0	0	0	0	28.0	28.4	28.8	29.2	29.6	30.0	30.0	30.3	30.7	30.7
61	14	104	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.5	6.2
61	14	105	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.8	4.4	6.2
61	14	106	2	2	2	42	44	43	0	0	52	0	0	9	30	30	35	9	29.2	29.6	29.9	30.3	30.6	30.7	30.8	30.9	31.0	31.3
61	14	107	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	4.6	5.1	5.5	6.0	6.4	6.9	7.3	7.8	8.2	9.1
61	14	108	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	5.6	5.9	6.3	6.6	6.9	7.3	7.6	7.9	8.4	8.9
61	14	109	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	4.7	5.1	5.6	6.0	6.4	6.9	7.3	7.7	8.4	9.0
61	14	110	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	5.7	6.4	7.0	8.1
61	14	111	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	.0	4.2	5.7	6.9	7.8	8.5	9.2	9.8	10.4	11.1
61	14	112	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.1	4.9	5.6	6.3	7.5
61	14	113	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	0	4.1	4.6	5.2	5.7	6.3	6.8	7.3	7.9	8.5	9.5
61	14	114	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.6	6.0
61	14	115	1	1	1	1X	1X	10	0	0	0	0	0	0	0	32	0	2	.0	.0	.0	.0	.0	.0	.0	4.2	4.9	6.6
61	14	116	1	1	1	1X	1X	10	0	0	0	0	0	0	0	32	2	2	.0	.0	.0	.0	.0	.0	.0	4.1	5.0	6.7
61	14	117	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	4.7	5.5	7.0
61	14	118	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.6	5.2	6.0	7.6
61	14	119	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.3	5.1	6.8
61	14	120	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.5	6.1

61	14	121	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.7	6.1
61	14	122	1	1	1	21	21	21	0	0	0	0	0	0	0	0	0	0	16.3	17.0	17.6	18.3	19.0	19.7	20.2	20.9	21.6	22.8
61	14	123	1	1	1	20	22	23	0	0	0	0	0	0	0	0	0	0	15.4	16.5	18.0	18.8	19.7	20.1	20.5	20.6	20.8	21.4
61	14	124	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.6	6.0
61	14	125	1	1	1	1X	1X	10	0	0	0	0	0	0	0	70	14	14	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.5
61	14	126	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.6	6.1
61	14	127	1	1	1	1X	1X	10	0	0	0	0	0	0	0	70	14	14	.0	.0	.0	.0	.0	4.2	5.0	5.7	6.2	8.0
61	14	128	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.4	5.3	6.3	7.2	8.1	9.3	10.9
61	14	129	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	5.0	7.0
61	14	130	1	1	1	10	21	21	0	0	0	0	0	0	0	0	0	0	10.3	11.0	11.8	12.5	13.1	13.8	14.0	15.0	15.7	16.7
61	14	131	1	1	1	20	21	21	0	0	0	0	0	0	0	0	0	0	10.5	17.3	18.1	19.0	19.7	20.6	20.9	21.6	22.1	23.3
61	14	132	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.6	6.0
61	14	133	1	1	1	1X	1X	10	0	0	0	0	0	0	0	70	14	14	.0	.0	.0	.0	.0	.0	4.0	4.5	5.2	6.0	7.5
61	14	134	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.6	4.4	6.2	6.8
61	14	135	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.3
61	14	136	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.6	5.2	6.5
61	14	137	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.2
61	14	138	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	4.8	5.6	7.0
61	14	139	1	1	1	1X	1X	10	0	0	0	0	0	0	0	70	13	13	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.3
61	14	140	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.2	5.0	5.9	6.7	7.6	8.5	9.3	10.3
61	14	141	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.8
61	14	142	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	5.0	6.3
61	14	143	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.6	6.1	7.2	8.1	8.8	9.4	10.1	11.2
61	14	144	1	1	1	13	13	13	0	0	0	0	0	0	0	0	0	0	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.6	8.0
61	14	145	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	.0	3.9	5.0	5.2	6.9	7.5	7.9	8.5	8.9	9.3
61	14	146	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.3
61	14	147	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	5.3	7.1
61	14	148	2	2	2	41	43	43	0	66	0	0	30	0	30	30	30	30	28.6	29.2	30.0	30.5	30.9	31.1	31.3	31.5	31.7	32.0
61	14	149	2	2	2	33	34	34	0	65	30	0	0	0	30	0	0	52	18.6	19.0	19.4	19.7	19.7	19.8	19.9	20.0	20.0	20.0
61	14	150	2	2	2	43	44	43	0	64	52	60	0	3	0	0	0	0	27.7	27.9	28.0	28.4	28.5	28.6	28.7	28.8	29.1	29.3
61	14	151	2	2	2	32	33	33	0	0	0	0	0	0	0	0	0	0	25.2	25.5	25.9	26.3	26.5	26.7	26.8	27.0	27.2	27.5
61	14	152	2	2	2	34	34	34	0	0	0	0	0	30	30	30	30	33	25.6	25.7	25.7	25.8	25.8	25.9	25.9	25.9	25.9	26.0
61	14	153	1	1	1	21	22	22	0	0	0	0	0	0	30	30	30	30	14.3	14.9	15.6	16.2	16.8	17.2	17.4	17.7	18.1	18.6
61	14	154	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.6
61	14	155	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.4
61	14	156	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.2
61	14	157	2	2	2	34	34	34	0	0	0	0	0	0	0	30	0	0	20.9	21.1	21.3	21.4	21.5	21.5	21.5	21.6	21.6	21.6
61	14	158	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.0
61	14	159	1	7	1	21	22	22	0	0	0	0	0	0	0	0	0	52	18.4	19.0	19.6	20.2	20.7	20.9	21.3	21.6	22.0	22.7
61	14	160	1	1	1	20	21	21	0	0	0	0	0	0	0	0	0	0	17.3	18.1	19.0	19.8	20.5	21.1	21.5	22.0	22.9	23.9
61	14	161	1	1	1	21	22	21	0	0	0	0	0	0	0	0	0	0	20.3	20.9	21.5	22.1	22.6	23.2	23.7	23.7	24.6	25.6
61	14	162	1	1	1	22	22	22	0	0	0	0	0	0	0	0	0	0	15.5	16.0	16.4	16.9	17.0	17.6	17.7	18.0	18.3	18.8
61	14	163	1	1	1	22	22	22	0	0	0	0	31	0	0	32	0	0	18.6	19.0	19.5	20.0	20.3	20.6	20.9	21.2	21.5	22.0
61	14	164	2	2	2	32	32	30	0	0	0	0	0	0	0	0	30	0	26.3	26.8	27.3	27.8	28.2	28.7	28.8	29.2	29.6	32.0
61	14	165	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	5.0	7.0
61	14	166	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.3	7.3
61	14	167	2	2	2	32	34	34	0	3	0	0	0	0	0	60	64	0	29.2	29.5	29.9	30.1	30.4	30.5	30.5	30.6	30.6	30.6
61	14	168	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.8	4.4	5.0	5.6	7.1
61	14	169	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.0
61	14	170	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	5.0	6.0	8.0
61	14	171	1	1	1	1X	1X	10	0	0	0	0	0	0	0	70	13	13	.0	.0	.0	.0	.0	.0	4.2	4.9	5.5	7.0
61	14	172	2	2	2	42	4X	4X	0	9	65	0	0	0	0	97	0	0	0	33.0	33.4	34.5	34.7	34.7	34.8	34.8	.0	.0	.0
61	14	173	2	2	2	33	3X	3X	0	0	52	60	0	0	0	97	0	0	0	23.3	23.5	23.6	23.8	24.0	24.1	24.1	.0	.0	.0
61	14	174	1	1	1	20	2X	2X	0	0	0	0	0	0	0	97	0	0	0	16.7	17.5	18.2	19.1	19.9	20.6	20.6	.0	.0	.0
61	14	175	1	1	1	10	1X	2X	0	0	0	0	0	0	0	97	0	0	0	10.3	11.0	11.4	12.8	13.1	14.0	14.0	.0	.0	.0
61	14	176	1	1	1	20	2X	2X	0	0	0	0	0	0	0	97	0	0	0	16.3	17.2	17.9	18.9	19.9	20.9	20.9	.0	.0	.0
61	14	177	2	2	2	44	44	44	0	0	0	0	0	0	0	30	0	0	92	31.4	31.5	31.5	31.5	31.5	31.6	31.6	31.6	31.7	31.7
61	14	178	2	2	2	34	34	3X	0	64	52	60	52	0	9	0	90	0	28.2	28.3	28.3	28.3	28.5	28.5	28.5	28.6	28.6	.0
61	14	179	1	1	1	21	21	24	0	0	0	0	0	0	0	0	0	92	21.4	22.1	22.9	23.6	24.1	24.7	25.3	25.6	26.0	26.0
61	14	180	2	2	2	34	34	34	0	0	52	0	0	0	0	0	0	92	36.2	36.3	36.4	36.5	36.6	36.7	36.7	36.8	36.8	36.8
61	14	181	2	2	2	44	44	4X	0	3	52	0	0	60	0	92	0	0	37.1	37.1	37.1	37.1	37.2	37.2	37.2	37.2	.0	.0
61	14	182	1	1	1	12	1X	1X	0	0	0	0	0	99	0	0	0	0	.0	3.7	4.1	4.5	4.8	4.8	.0	.0	.0	.0
61	14	183	2	2	2	34	3X	3X	0	9	52	60	90	0	0	0	0	0	13.3	13.3	13.3	13.5	13.5	.0	.0	.0	.0	.0
61	14	184	1	1	1	1X	10	13	0	0	0	0	0	0	0	0	0	92	.0	.0	.0	.0	4.3	5.4	6.3	7.1	7.8	7.8
61	14	185	2	2	2	44	4X	4X	24	24	24	24	24	90	0	0	0	0	36.2	36.3	36.3	36.3	36.4	36.4	.0	.0	.0	.0
61	14	186	1	1	1	10	1X	1X	0	0	0	0	0	0	92	0	0	0	.0	4.0	4.9	5.6	6.3	6.8	6.9	.0	.0	.0
61	14	187	1	1	1	10	14	1X	0	0	0	0	0	0	0	92	0	0	.0	3.8	4.7	5.4	6.0	6.3	6.4	6.4	.0	.0

TABLE 1.15:

PLOT NO.	SUB PLOT NO.	TREE NO.	AGE CLASS 20	40	60	AGE VIGOR I	II	III	TREE CONDITION CODE 1920	25	30	35	40	45	50	55	60	70	D.B.H. (INCHES) 1920	25	30	35	40	45	50	55	60	70
61	16	1	1	1	1	13	12	12	0	0	0	0	0	0	0	0	0	0	4.0	4.3	4.6	4.7	5.0	5.1	5.3	5.9	6.2	6.8
61	16	2	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.0	4.4	4.8	5.2	5.6	6.4
61	16	3	1	1	1	1X	11	12	0	0	0	0	0	0	0	0	33	33	.0	.0	.0	3.8	4.1	5.0	5.5	5.9	6.3	7.1
61	16	4	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	4.2	4.7	5.2	5.6	6.0	6.4	6.8	7.2
61	16	5	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	33	33	.0	.0	.0	4.1	4.5	4.9	5.3	5.7	6.1	6.8
61	16	6	1	1	1	1X	12	11	0	0	0	0	0	0	0	0	33	33	.0	.0	.0	.0	4.0	4.5	4.9	5.4	6.0	7.2
61	16	7	1	1	1	1X	1X	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	4.6	5.0	5.4	6.2
61	16	8	1	1	1	1X	1X	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.8	4.3	4.9	5.5	6.1
61	16	9	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.6	5.2	5.8	6.7
61	16	10	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.2	5.0	5.5	6.0	6.5	7.2	8.2
61	16	11	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	5.0	5.4	5.8	6.1	6.4	6.7	7.0	7.4	7.8	8.5
61	16	12	1	1	1	1X	1X	12	0	0	0	0	0	0	0	0	0	33	.0	.0	.0	.0	.0	4.1	4.9	5.7	5.6	6.2
61	16	13	1	1	1	1X	12	11	0	0	0	0	0	0	0	0	33	33	.0	.0	.0	4.2	4.6	5.1	5.5	5.9	7.0	7.7
61	16	14	1	1	1	1X	11	12	0	0	0	0	0	0	0	0	33	33	.0	.0	.0	4.0	4.7	5.3	6.0	6.7	7.1	7.9
61	16	15	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	33	33	.0	.0	.0	.0	.0	.0	3.9	4.3	5.3	6.5
61	16	16	1	1	1	1X	12	11	0	0	0	0	0	0	0	0	0	33	.0	.0	4.2	4.6	5.0	5.4	5.8	6.2	6.9	7.9
61	16	17	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.3	5.0	5.7	6.4	6.8	8.0
61	16	18	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	4.1	4.6	5.0	5.5	5.9	6.4	6.8	7.3	7.7	8.6
61	16	19	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	3	3	.0	.0	.0	3.9	4.4	5.1	5.7	6.2	6.8	8.0
61	16	20	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	14	14	.0	.0	.0	.0	.0	4.2	4.6	5.3	6.0	7.2

61	16	21	0	1	1	44	1X	11	0	0	0	0	0	0	0	0	14	14	.0	.0	.0	.0	.0	.0	4.3	5.0	5.7	6.9
61	16	22	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.1	4.7	5.3	6.0	7.0
61	16	23	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	4.8	5.5	6.5	8.0
61	16	24	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.3	4.9	5.4	5.9	6.4	7.4
61	16	25	1	1	1	1X	1X	12	0	0	0	0	0	0	0	33	33	33	.0	.0	.0	.0	.0	3.9	4.4	4.8	5.2	6.2
61	16	26	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	.0	4.2	5.0	5.8	6.9
61	16	27	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	33	33	.0	.0	.0	.0	.0	.0	.0	4.2	4.8	6.1
61	16	28	1	1	1	10	10	21	0	0	0	0	0	0	0	0	0	0	4.0	4.7	6.4	8.0	9.4	10.5	11.3	12.2	13.0	14.2
61	16	29	1	1	1	1X	11	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.1	4.7	5.2	6.0	6.9	8.2
61	16	30	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	0	4.1	4.6	5.1	5.6	6.1	6.6	7.1	7.6	8.1	9.1
61	16	31	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	5.6	5.9	6.2	6.5	6.8	7.1	7.4	7.7	8.2	9.0
61	16	32	1	1	1	12	13	12	0	0	0	0	0	0	0	0	0	0	3.8	4.0	4.2	4.6	5.0	5.2	5.4	5.6	6.3	7.0
61	16	33	1	1	1	10	11	12	0	35	2	14	0	0	0	0	0	0	4.4	5.2	5.7	6.7	7.6	8.2	8.6	9.3	9.9	10.6
61	16	34	1	1	1	10	12	12	0	0	0	0	0	0	0	0	0	0	5.2	5.9	6.8	7.4	8.0	8.4	8.6	8.8	9.2	9.7
61	16	35	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	5.7	6.0	6.3	6.6	6.9	7.2	7.5	7.8	8.0	8.7
61	16	36	1	1	1	10	11	12	0	9	2	0	0	0	0	0	0	11	5.7	6.5	7.3	8.1	9.0	9.4	10.0	10.7	11.1	11.6
61	16	37	1	1	1	13	12	12	0	0	0	0	0	0	0	0	0	0	4.0	4.6	4.9	5.2	5.4	5.6	5.8	6.2	6.5	7.0
61	16	38	1	1	1	11	12	13	0	0	52	0	0	0	0	0	0	0	5.4	6.1	6.9	7.5	8.1	8.5	8.7	9.1	9.4	9.7
61	16	39	1	1	1	12	14	14	0	0	0	0	0	0	0	0	0	0	4.7	5.0	5.5	5.7	5.8	6.0	6.1	6.2	6.3	6.5
61	16	40	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	5.5	5.8	6.1	6.4	6.7	7.0	7.3	7.6	7.9	8.5
61	16	41	1	2	2	11	21	22	0	0	0	0	0	0	0	0	0	0	9.6	10.2	10.9	11.7	12.1	12.8	13.2	13.7	14.2	14.5
61	16	42	1	1	1	11	11	12	0	0	0	0	0	0	0	0	0	0	4.2	4.7	5.3	5.8	6.4	6.9	7.5	8.0	8.5	9.1
61	16	43	1	1	1	12	13	13	0	0	0	0	0	0	0	0	0	35	.0	3.8	4.2	4.7	5.2	5.5	5.7	5.9	6.1	6.5
61	16	44	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	3.9	4.3	4.5	4.8	5.1	5.4	6.0
61	16	45	1	1	1	13	14	14	0	0	0	0	0	0	0	0	0	0	5.2	5.4	5.7	5.9	6.0	6.1	6.1	6.1	6.1	6.2
61	16	46	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	0	4.9	5.6	6.2	7.0	7.6	8.0	8.4	8.8	9.1	9.6
61	16	47	1	1	1	11	12	14	0	0	0	0	0	0	0	0	0	0	3.8	4.1	4.8	5.5	6.0	6.5	7.0	7.2	7.4	7.5
61	16	48	1	1	1	11	14	14	0	0	0	0	0	0	0	0	0	0	5.0	5.4	6.1	6.5	7.0	7.3	7.3	7.3	7.4	7.5
61	16	49	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	4.2	5.1	5.5	5.8	6.2	6.5	6.9	7.2	7.6	8.3
61	16	50	1	1	1	11	12	12	0	0	0	0	0	0	0	0	0	0	4.7	5.3	6.0	6.5	7.1	7.5	8.5	8.2	8.7	9.5
61	16	51	1	1	1	11	12	13	0	0	0	0	0	0	0	0	0	4	.0	3.8	4.6	5.2	5.8	6.2	6.4	6.6	6.9	7.3
61	16	52	1	1	1	1X	1X	12	0	0	0	0	0	0	0	33	33	35	.0	.0	.0	.0	.0	3.8	4.2	5.0	5.2	6.0
61	16	53	2	2	2	44	43	42	0	64	0	0	0	0	0	13	0	14	39.1	39.2	39.4	39.4	39.4	39.8	39.6	39.9	39.9	40.8
61	16	54	1	1	1	12	14	13	0	0	0	0	0	0	0	0	0	0	.0	4.0	4.2	4.6	5.0	5.2	5.2	5.4	5.6	6.0
61	16	55	1	1	1	13	14	13	0	0	0	0	0	0	0	0	0	0	4.0	4.6	4.9	5.0	5.1	5.2	5.3	5.5	5.7	6.2
61	16	56	1	1	1	11	11	12	0	0	0	0	0	0	0	0	0	0	.0	4.1	4.8	5.5	6.0	6.5	7.0	7.5	8.0	8.8
61	16	57	2	2	2	43	43	43	0	65	52	0	0	0	30	0	0	30	38.5	38.7	39.0	39.2	39.4	39.7	39.8	39.9	40.0	40.4
61	16	58	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	3.9	4.8	5.8	6.8	7.8	9.8
61	16	59	2	2	2	43	44	44	0	0	0	0	0	0	62	0	0	52	31.9	32.1	32.3	32.5	32.7	32.8	32.8	32.8	32.8	32.8
61	16	60	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	3.7	4.6	5.6	6.6	7.6	9.6
61	16	61	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	.0	3.7	4.3	5.2	6.2
61	16	62	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	0	3.5	4.6	5.8	6.8	7.8	8.6	9.2	9.9	10.5	11.4
61	16	63	1	1	2	10	10	20	0	14	0	0	0	0	0	0	0	0	4.1	5.4	6.8	8.2	9.4	10.2	10.9	11.9	12.7	14.0
61	16	64	1	1	1	10	11	12	0	33	0	0	0	0	0	0	0	0	5.3	6.1	6.9	7.7	8.5	9.1	9.6	10.1	10.7	11.4
61	16	65	1	2	2	10	21	22	0	33	0	0	0	0	0	0	30	0	8.7	9.5	10.4	11.1	11.8	12.7	13.1	13.9	14.3	15.2
61	16	66	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	5.1	5.9	6.8	7.5	8.2	8.8	9.2	9.7	10.2	10.8
61	16	67	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	3.6	4.3	5.0	5.8	6.3	7.3
61	16	68	2	2	2	21	22	22	0	0	0	0	0	0	0	0	0	0	22.0	22.5	22.9	23.5	24.0	24.5	24.9	25.3	25.7	26.5
61	16	69	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	5.0	5.9	7.7
61	16	70	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	5.0	5.8	6.5	7.8
61	16	71	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	3.9	4.6	5.4	6.1	6.9	7.6	9.1
61	16	72	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.9	6.8
61	16	73	1	1	1	1X	1X	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.2	4.6	5.2	5.6	6.3
61	16	74	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.9	4.4	5.2	6.1	8.1
61	16	75	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	3.6	5.1	6.2	7.2	7.7	8.4	9.0	10.4
61	16	76	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	3.6	4.5	5.2	5.9	6.6	7.3	8.0	9.4
61	16	77	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	4.2	5.5	6.5	7.4	8.5	8.7	9.4	10.8
61	16	78	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	3	.0	.0	.0	.0	.0	.0	4.0	4.7	5.6	6.8
61	16	79	2	2	2	20	22	21	0	0	0	0	0	0	0	0	0	0	16.3	17.1	17.9	18.6	19.4	19.9	20.3	20.6	21.5	22.4
61	16	80	2	2	2	22	23	23	0	3	0	0	0	0	0	0	0	0	14.1	14.5	15.0	15.3	15.7	15.9	16.1	16.4	16.7	17.1
61	16	81	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.6	4.3	5.1	7.1
61	16	82	2	2	2	23	23	24	0	4	0	0	0	0	0	0	0	14	17.8	18.1	18.5	18.6	18.8	19.1	19.3	19.3	19.4	19.6
61	16	83	1	1	2	10	11	21	0	0	0	0	0	0	0	0	0	0	4.8	5.8	7.0	7.9	8.8	9.5	10.2	10.9	11.6	12.7
61	16	84	2	2	2	22	24	23	0	3	0	0	32	0	0	0	0	0	16.5	16.8	17.0	17.4	17.8	17.9	18.0	18.0	18.5	18.7
61	16	85	2	2	2	22	23	22	0	0	0	0	0	0	0	0	0	0	19.7	20.1	20.4	20.9	21.3	21.6	21.7	21.9	22.3	22.7
61	16	86	2	2	2	44	44	44	0	0	0	0	0	0	0	0	0	0	30.1	30.2	30.2	30.3	30.5	30.7	30.7	30.7	30.8	30.8
61	16	87	2	2	2	32	34	34	0	0	0	0	0	0	0	0	0	0	29.4	29.7	30.0	30.3	30.6	30.8	30.8	30.9	31.0	31.2
61	16	88	2	2	2	33	34	34	0	0	0	0	0	13	30	0	0	0	23.6	23.8	23.9	24.1	24.3	24.4	24.4	24.5	24.5	24.6
61	16	89	2	2	2	32	34	34	0	0	0	0	0	0	0	0	0	0	31.7	32.0	32.3	32.6	32.9	32.9	32.9	33.0	33.0	33.2
61	16	90	2	2	2	33	33	34	0	64	0	0	0	0	30	30	30	0	25.5	25.7	25.9	26.1	26.4	26.6	26.6	26.8	27.0	27.1
61	16	91	2	2	2	33	34	34	0	4	64	0	0	13	30	30	0	0	21.6	21.8	22.0	22.1	22.3	22.3	22.4	22.5	22.5	22.8
61	16	92	2	2	2	32	33	32	0	9	3	0	0	0	30	0	0	14	20.5	20.8	21.2	21.4	21.8	22.0	22.2	22.4	22.8	23.3
61	16	93	2	2	2	33	34	33	0	0	0	0	0	0	31	30	30	0	25.9	26.1	26.4	26.5	26.7	26.8	26.9	26.9	27.0	27.3
61	16	94	2	2	2	32	33	33	0	13	0	0	0	0	30	0	30	14	23.5	23.9	24.2	24.5	25.0	25.2	25.4	25.6	25.7	26.3
61	16	95	2	2	2	33	34	33	0	3	0	0	0	0	30	31	30	0	24.8	25.1	25.4	25.5	25.9	26.0	26.0	26.2	26.4	26.8
61	16	96	2	2	2	43	43	43	0	67	0	0	0	0	0	30	0	3	26.8	27.0	27.3	27.4	27.7	27.9	28.0	28.2	28.3	28.7
61	16	97	2	2	2	42	42	42	0	0	0	0	0	0	4	30	0	0	22.2	22.5	22.7	23.0	23.3	23.7	23.7	24.2	24.4	25.1
61	16	98	2	2	2	43	44	43	0	9	0	0	0	0	0	0	30	13	17.0	17.2	17.4	17.5	17.8	17.9	17.9	18.0	18.2	18.6
61	16	99	2	2	2	32	33	32	0	0	0	0	0	0	0	0	0	0	22.2	22.5	22.8	23.0	23.4	23.7	23.8	24.1	24.5	25.1
61	16	100	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.6	4.5	6.5
61	16	101	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.3	5.0	5.7	6.3	6.9	7.6	8.4	9.6
61	16	102	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	5.0	5.9	7.6
61	16	103	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.8	6.3
61	16	104	1	1	1	1X	1X	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.9	4.4	4.9	5.4	6.3
61	16	105	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.7	5.5	6.5
61	16	106	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	6.7
61	16	107	1	1	2	10	10	21	0	0	0	0	0	0	0	0	0	0	.0	4.3	5.9	7.0	8.0	10.6	11.3	12.0	12.7	13.9
61	16	108	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.6	4.3	6.0
61	16	109	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	3.6	4.4	5.3	6.1	7.0	7.9	8.6	9.5
61	16	110	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	0	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	9.0
61	16	111	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	3	.0	.0	3.7	4.6	5.5	6.4	6.6	7.0	7.4	8.5
61	16	112	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.4	4.9	6.7
61	16	113	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	3.8	4.2	4.8	5.2	5.6	6.0	6.9
61	16	114	1	1	1	10	10	11	0	0	0	0	0	0	0	0	0	0	.0	3.9	5.2	6.5	7.8	9.1	9.7	10.4	11.0	12.0
61	16	115	1	1	1	12	13	12	0	0	0	0	0	0	0	0	0	0	5.8	6.0	6.3	6.5	6.8	7.0	7.3	7.5	7.8	8.3
61	16	116	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	0	.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	9.0
61	16	117	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	5.0	5.8	7.3
61	16	118	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.6	4.3	5.2	5.8	7.5
61	16	119	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	3.6	4.7	6.1	7.2	8.0	8.9	9.6	10.8
61	16	120	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.8	6.5

61	16	121	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.6	4.4	5.4	6.4	8.4
61	16	122	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.0	4.9	6.0	7.0	7.7	8.6	9.4	10.4
61	16	123	1	1	1	11	11	11	0	0	0	0	0	0	0	0	0	0	4.1	4.6	5.1	5.6	6.1	6.6	7.1	7.6	8.2	9.1
61	16	124	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	3.9	5.1	6.3	7.6	8.4	9.2	9.9	11.0
61	16	125	2	2	2	20	22	21	0	0	0	0	0	0	0	0	0	0	12.9	14.1	15.4	16.7	17.6	18.2	18.7	19.0	19.5	20.6
61	16	126	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	4.4	4.8	5.2	5.6	6.0	6.4	6.8	7.2	7.6	8.4
61	16	127	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	2	.0	.0	.0	.0	.0	.0	3.7	4.3	5.2	7.0
61	16	128	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	5.0	7.2
61	16	129	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	3	.0	.0	.0	.0	.0	.0	.0	4.1	5.0	6.5
61	16	130	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	4.7	6.6
61	16	131	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	5.0	5.6	7.4
61	16	132	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.8	6.4
61	16	133	1	1	1	10	11	12	0	35	0	0	0	0	0	0	0	14	4.0	5.2	6.7	7.7	8.8	9.5	10.0	10.6	11.2	11.8
61	16	134	1	1	1	12	13	13	0	0	0	0	0	0	0	0	0	0	5.8	6.0	6.3	6.5	6.8	7.0	7.2	7.4	7.6	8.0
61	16	135	2	2	2	22	22	22	0	33	0	0	0	0	0	0	0	0	14.3	14.8	15.4	15.7	16.2	16.5	16.6	17.2	17.5	18.2
61	16	136	2	2	2	21	22	22	0	33	0	0	0	0	0	0	0	0	14.5	15.1	15.7	16.2	16.8	17.2	17.6	18.0	18.6	19.2
61	16	137	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.9	6.9
61	16	138	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	14	.0	.0	.0	.0	.0	.0	4.0	4.8	5.8	7.8
61	16	139	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.6	4.2	4.9	5.7	7.5
61	16	140	1	1	2	10	11	22	0	0	0	0	0	0	0	0	0	0	5.6	6.6	7.7	8.7	9.6	10.3	10.9	11.6	12.1	13.0
61	16	141	1	1	1	10	12	12	0	33	0	0	0	14	0	0	0	0	4.7	5.5	6.4	7.0	7.8	8.2	8.7	9.1	9.7	10.3
61	16	142	1	1	1	1X	10	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.0	4.7	5.2	6.5	7.8	8.5
61	16	143	1	1	2	11	12	22	0	35	0	0	0	14	0	0	0	0	8.6	9.3	10.1	10.7	11.3	11.7	12.0	12.3	12.7	13.3
61	16	144	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	4.6	5.4	6.2	7.1	7.8	8.4	9.0	9.6	10.2	11.0
61	16	145	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.6	5.4	7.8
61	16	146	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	3.9	4.3	4.7	5.3	5.8	6.4	7.5
61	16	147	1	2	2	10	21	22	0	33	0	0	0	0	0	0	0	0	8.4	9.4	10.7	11.6	12.5	13.1	13.5	14.3	14.8	15.6
61	16	148	2	1	2	21	22	23	0	0	0	0	0	0	0	0	0	62	27.4	28.0	28.5	29.2	29.8	30.3	30.5	31.0	31.4	31.7
61	16	149	1	1	2	10	11	21	0	64	9	0	0	14	0	0	0	33	7.7	8.7	10.0	10.7	11.5	12.1	12.9	13.5	14.1	15.0
61	16	150	1	1	1	1X	1X	1X	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.0
61	16	151	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	0	.0	4.2	5.3	6.5	7.4	7.9	8.7	9.2	9.7	10.7
61	16	152	1	1	2	10	10	21	0	0	0	0	0	0	0	0	0	0	5.2	6.4	7.7	8.9	9.9	10.8	11.4	12.3	13.0	13.9
61	16	153	1	2	2	20	21	21	0	33	0	0	0	0	0	0	0	0	10.6	11.7	13.0	14.0	14.9	15.4	16.2	16.5	17.0	18.0
61	16	154	1	1	2	10	10	21	0	0	0	0	0	0	0	0	0	0	5.2	6.4	7.9	9.0	10.1	10.9	11.7	12.4	13.2	14.2
61	16	155	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	4.1	4.7	5.3	5.9	6.5	7.1	7.7	8.9
61	16	156	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.7	4.3	6.1
61	16	157	2	2	2	44	44	44	0	65	0	0	0	0	9	0	0	11	19.8	20.0	20.2	20.2	20.3	20.3	20.3	20.5	20.5	20.7
61	16	158	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	4.6	6.4
61	16	159	2	2	2	34	34	34	0	4	0	0	0	0	0	0	30	4	13.2	13.3	13.5	13.6	13.7	13.8	13.8	13.9	13.9	13.9
61	16	160	2	2	2	33	33	34	0	0	0	0	0	0	0	0	30	0	20.6	20.8	21.1	21.3	21.5	21.8	21.8	22.0	22.1	22.3
61	16	161	2	2	2	32	33	33	0	2	0	0	0	0	0	0	0	0	10.3	10.6	11.0	11.3	11.6	11.7	11.8	12.1	12.3	12.7
61	16	162	2	2	2	33	34	34	0	0	0	0	0	0	0	0	0	30	21.7	21.9	22.1	22.2	22.4	22.5	22.6	22.6	22.7	22.8
61	16	163	1	1	2	10	11	21	0	0	33	0	0	0	0	0	0	2	6.6	7.5	8.2	9.2	10.1	10.8	11.4	12.2	12.9	13.7
61	16	164	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	.0	4.1	5.0	5.8	6.5	7.0	7.7	8.2	8.7	9.6
61	16	165	2	2	2	4X	4X	4X	0	0	0	99	0	0	0	0	0	0	24.0	24.0	24.0	24.0	.0	.0	.0	.0	.0	.0
61	16	166	1	1	1	12	1X	1X	0	0	0	0	0	0	92	0	0	0	5.1	5.3	5.7	6.1	6.5	6.6	6.6	.0	.0	.0
61	16	167	1	1	1	12	1X	1X	0	0	0	0	0	0	92	0	0	0	4.6	5.1	5.6	6.1	6.5	6.9	6.9	.0	.0	.0
61	16	168	1	1	1	11	1X	1X	0	0	0	0	0	0	92	0	0	0	.0	3.6	4.2	4.9	5.4	6.0	6.0	.0	.0	.0
61	16	169	1	1	1	10	1X	1X	0	0	0	0	0	0	92	0	0	0	.0	3.7	4.7	5.6	6.4	7.0	7.0	.0	.0	.0
61	16	170	1	1	1	11	12	11	0	0	0	0	0	0	0	0	0	0	5.0	5.4	6.1	6.5	7.0	7.3	7.3	7.8	8.3	9.5
61	16	171	1	1	1	13	13	13	0	0	0	0	0	0	0	0	0	0	6.3	6.5	6.7	6.9	7.1	7.3	7.5	7.7	7.9	8.3
61	16	172	1	1	1	11	11	12	0	0	0	0	0	0	0	0	0	0	7.1	7.6	8.0	8.6	9.2	9.7	10.2	10.8	11.2	11.9
61	16	173	2	2	2	32	34	33	0	0	0	0	0	0	0	0	0	0	22.5	22.9	23.2	23.4	24.2	23.7	23.9	23.9	24.1	24.3
61	16	174	2	2	2	33	32	32	0	0	0	0	0	0	0	0	0	0	22.8	23.1	23.5	23.8	23.9	24.4	24.5	24.8	25.2	25.8
61	16	175	2	2	2	32	33	33	0	3	0	0	0	0	0	0	30	0	8.9	9.2	9.5	9.8	10.1	10.3	10.4	10.6	10.8	11.2
61	16	176	2	2	2	32	32	32	0	0	0	0	0	0	0	0	30	30	12.6	13.0	13.6	13.9	14.3	14.6	14.9	15.2	15.5	16.1
61	16	177	2	2	2	34	34	34	0	73	0	0	0	0	0	0	30	0	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.8	10.9	11.0
61	16	178	2	2	2	32	33	33	0	0	0	0	0	0	0	0	30	30	23.6	24.0	24.5	24.8	25.2	25.5	25.7	25.9	26.2	26.5
61	16	179	2	2	2	34	34	34	0	0	0	0	0	0	0	0	0	73	10.0	10.1	10.2	10.3	10.4	10.5	10.5	10.5	10.7	10.7
61	16	180	2	2	2	33	34	34	0	0	0	0	0	0	0	0	0	0	19.6	19.8	19.9	20.1	20.3	20.3	20.3	20.5	20.7	20.8
61	16	181	2	2	2	33	34	34	0	0	0	0	0	14	43	31	30	0	16.4	16.6	16.9	17.1	17.1	17.2	17.3	17.3	17.3	17.3
61	16	182	2	2	2	43	44	43	0	64	0	0	0	0	0	0	0	0	30.1	30.3	30.5	30.7	30.9	31.1	31.1	31.2	31.3	31.6
61	16	183	2	2	2	33	32	34	0	64	52	0	0	30	0	0	0	0	19.3	19.6	19.9	20.3	20.4	20.4	21.1	21.3	21.6	21.7
61	16	184	2	2	2	44	44	43	0	64	0	9	0	13	0	0	0	0	13.7	13.8	13.9	14.0	14.1	14.2	14.2	14.3	14.8	15.0
61	16	185	2	2	2	32	33	33	0	64	0	0	0	0	0	0	0	0	19.5	19.8	20.1	20.5	20.7	21.1	21.4	21.4	21.7	21.9
61	16	186	2	2	2	33	33	34	0	0	0	0	0	0	0	0	0	0	28.6	28.8	29.0	29.2	29.4	29.5	29.6	29.8	30.0	30.1
61	16	187	2	2	2	32	33	33	0	0	0	0	0	0	30	3	0	30	29.6	29.9	30.2	30.4	30.7	31.0	31.1	31.4	31.6	31.8
61	16	188	2	2	2	33	32	32	0	0	0	9	0	0	0	0	0	0	13.7	13.9	14.2	14.5	14.5	15.1	15.3	15.5	15.9	16.5
61	16	189	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.6	4.3	5.1	6.6
61	16	190	1	1	1	10	11	12	0	0	0	0	0	0	0	0	0	0	3.6	4.4	5.3	6.1	6.8	7.3	7.8	8.4	8.8	9.6
61	16	192	2	2	2	34	34	34	0	0	0	0	0	0	0	0	0	14	13.8	13.9	14.0	14.1	14.2	14.4	14.4	14.5	14.6	14.7
61	16	193	2	2	2	32	32	33	0	0	52	0	0	0	0	0	0	0	18.6	18.9	19.2	19.5	19.8	20.0	20.2	20.6	20.8	21.4
61	16	194	2	2	2	33	34	34	0	0	0	0	0	0	0	0	0	0	18.9	19.1	19.3	19.4	19.6	19.7	19.7	19.8	19.9	20.1
61	16	195	2	2	2	33	34	34	0	4	0	0	0	0	0	0	0	0	7.8	8.0	8.2	8.4	8.6	8.7	8.8	9.0	9.2	9.3
61	16	196	2	2	2	33	33	33	0	0	0	9	0	3	0	0	0	0	9.2	9.4	9.6	9.7	9.9	10.1	10.1	10.3	10.5	10.9
61	16	197	2	2	2	30	31	31	0	0	0	0	0	0	0	0	0	0	15.8	16.2	16.8	17.6	18.3	19.0	19.5	20.0	20.7	21.8
61	16	198	2	2	2	31	33	32	0	0	52	0	0	0	0	30	30	0	17.1	17.6	18.2	18.6	19.2	19.6	19.7	19.9	20.3	20.7
61	16	199	2	2	2	33	33	33	0	0	52	0	0	0	0	31	30	0	19.3	19.5	19.8	20.0	20.2	20.3	20.5	20.7	20.8	21.1
61	16	200	2	2	2	33	34	33	0	0	0	0	32	0	0	0	0	0	25.6	25.7	25.8	25.9	26.1	26.1	26.1	26.2	26.3	26.6
61	16	201	2	2	2	33	33	33	0	0	0	0	0	0	0	0	0	30	24.5	24.7	24.9	25.0	25.3	25.4	25.5	25.8	26.0	26.5
61	16	202	2	2	2	34	34	34	0	2	0	0	0	0	0	4	0	0	18.8	18.8	18.8	18.8	18.8	18.9	18.9	19.0	19.0	19.2
61	16	203	2	2	2	33	33	33	0	0	0	0	0	0	0	0	0	0	22.2	22.4	22.5	22.7	22.9	23.2	23.3	23.6	23.8	24.3
61	16	204	2	2	2	32	33	32	0	0	0	0	0	0	0	0	30	30	19.2	19.5	19.8	20.0	20.3	20.5	20.7	20.8	21.2	21.6
61	16	205	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.9	4.8	6.9
61	16	206	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.7	4.4	6.1
61	16	207	2	2	2	33	32	33	0	3	0	0	0	0	0	30	30	14	24.7	24.9	25.2	25.4	25.4	25.9	26.0	26.2	26.4	26.7
61	16	208	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	4.8	6.5
61	16	209	1	1	0	11	1X	44	0	0	0	0	0	0	0	92	0	0	.0	3.6	4.3	5.0	5.5	5.9	5.9	.0	.0	.0
61	16	210	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.7	4.4	6.3
61	16	211	1	1	1	12	12	12	0	0	0	0	0	0	0	0	0	0	4.8	5.2	5.7	6.1	6.5	7.0	7.4	7.8	8.3	9.1
61	16	212	2	2	2	34	3X	3X	0	0	9	45	98	0	0	0	0	0	14.8	14.8	14.9	15.0	15.0	.0	.0	.0	.0	.0
61	16	213	2	2	2	34	3X	3X	0	0	52	0	92	0	0	0	0	0	25.8	25.8	26.0	26.2	26.2	.0	.0	.0	.0	.0
61	16	214	2	2	2	4X	4X	4X	0	60	52	92	0	0	0	0	0	0	30.5	30.5	30.5	30.5	.0	.0	.0	.0	.0	.0
61	16	215	2	2	2	44	4X	4X	0	3	0	0	0	60	90	0	0	0	28.2	28.3	28.3	28.3	28.3	28.4	28.4	.0	.0	.0
61	16	216	2	2	2	44	4X	4X	0	0	0	0	0	9	92	0	0	0	23.9	23.9	24.0	24.1	24.1	24.1	24.1	.0	.0	.0
61	16	217	2	2	2	44	44	4X	0	0	0	0	0	0	31	92	0	0	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	.0	.0
61	16	218	2	2	2	33	33	34	0	0	0	0	0	0	0	30	0	0	90	28.3	28.3	28.5	28.7	28.9	29.2	29.4	29.5	29.8	29.8
61	16	219	2	2	2	42	44	4X	0	0	0	0	0	0	0	30	0	91	0	39.5	39.8	40.1	40.4	40.7	41.0	41.0	41.0	41.0	.0
61	16	220	2	2	2	4X	4X	4X	0	52	92	0	0	0	0	0	0	0	0	30.8	30.8	30.8	.0	.0	.0	.0	.0	.0	.0

61	16	221	1	1	1	12	1X	1X	0	11	0	0	99	0	0	0	0	0	5.2	5.7	6.3	6.7	6.7	.0	.0	.0	.0	.0
61	16	222	2	2	2	34	34	34	0	0	0	0	0	0	30	0	0	92	13.5	13.6	13.7	13.8	13.9	13.9	13.9	13.9	13.9	14.0
61	16	223	2	2	2	34	3X	3X	0	9	52	0	92	0	0	0	0	0	12.4	12.4	12.4	12.4	12.4	.0	.0	.0	.0	.0
61	16	224	1	1	1	1X	10	1X	0	0	0	0	0	0	0	0	91	0	.0	.0	3.6	4.2	5.3	6.2	7.0	7.8	7.8	.0

TABLE 1.16:

PLOT NO.	SUB PLOT NO.	TREE NO.	AGE CLASS 20	40	60	AGE-VIGOR I	II	III	TREE CONDITION CODE 1920	25	30	35	40	45	50	55	60	70	D.B.H. (INCHES) 1920	25	30	35	40	45	50	55	60	70
61	27	1	2	2	2	32	32	42	0	0	0	0	0	0	0	0	0	41	21.7	22.2	22.6	23.0	23.0	23.6	23.7	24.0	24.2	24.8
61	27	2	2	2	2	33	34	44	0	0	0	0	0	0	0	0	0	41	21.0	21.2	21.2	21.4	21.6	21.9	21.9	22.0	22.1	22.3
61	27	3	2	2	2	32	34	43	0	0	0	0	0	13	0	0	0	41	17.5	18.1	18.5	18.9	19.3	19.4	19.6	19.7	19.8	20.1
61	27	4	2	2	2	32	33	43	0	0	0	0	0	14	0	0	0	41	15.3	15.9	16.2	16.6	16.8	17.0	17.2	17.4	17.6	18.1
61	27	5	2	2	2	32	33	43	9	0	0	0	0	0	0	0	0	41	22.7	23.2	23.6	24.0	24.3	24.6	24.7	24.9	25.0	25.6
61	27	6	2	2	2	33	33	44	0	0	61	0	0	0	0	0	0	41	32.3	32.7	32.9	33.1	33.3	33.5	33.6	33.8	33.9	34.2
61	27	7	1	1	1	1X	1X	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.5	5.0	5.7	6.2
61	27	8	1	1	1	1X	10	20	0	0	0	0	0	0	0	0	0	0	.0	.0	4.0	5.0	6.5	7.8	8.8	10.0	10.9	12.6
61	27	9	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	4.7	6.2
61	27	10	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.0	5.2	6.0	6.5	7.0	7.5	8.8
61	27	11	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	3	.0	.0	.0	.0	4.2	4.7	5.3	6.0	6.6	8.0
61	27	12	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.1	4.5	5.0	5.4	6.6
61	27	13	1	1	2	20	21	31	0	0	0	0	0	0	0	0	0	41	17.1	18.2	19.0	19.8	20.7	21.4	22.1	22.6	23.1	24.2
61	27	14	1	1	2	22	22	33	0	3	0	0	0	14	0	0	0	2	14.4	14.7	15.0	15.5	15.9	16.3	16.7	16.8	17.1	17.3
61	27	15	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.5	5.0	6.6
61	27	16	2	2	2	33	34	44	0	3	52	0	0	0	0	0	0	93	28.5	28.9	29.1	29.3	29.4	29.5	29.5	29.6	29.7	29.7
61	27	17	1	1	2	20	22	32	0	3	0	0	0	0	0	0	0	41	21.0	22.0	22.8	23.6	24.2	24.8	25.3	25.6	26.2	26.7
61	27	18	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.5	6.0
61	27	19	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.6	6.0
61	27	20	1	1	2	22	22	33	0	0	0	0	0	0	0	0	0	41	24.8	25.4	25.8	26.2	26.6	27.1	27.4	27.8	28.0	28.4
61	27	21	1	1	2	22	22	33	0	0	0	0	0	0	0	0	0	41	12.5	13.2	13.9	14.1	14.5	14.8	15.4	15.6	15.9	16.1
61	27	22	1	1	2	20	21	31	0	74	0	0	0	0	0	0	0	41	21.5	22.7	23.9	24.6	25.5	26.5	26.9	27.4	27.9	29.0
61	27	23	1	1	1	1X	11	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.1	4.6	5.2	5.6	6.0	7.8
61	27	24	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.6	4.3	4.7	5.3	6.8
61	27	25	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	2	.0	.0	.0	.0	4.1	4.4	4.6	5.0	5.3	6.2
61	27	26	1	1	2	21	21	32	0	3	0	0	0	0	0	0	0	41	15.3	16.4	17.2	17.9	18.4	19.0	19.5	19.9	20.2	20.8
61	27	27	1	1	1	21	22	32	0	0	0	0	0	0	0	0	0	41	18.0	18.8	19.6	20.3	20.9	21.5	21.5	21.9	22.5	22.7
61	27	28	1	1	1	10	11	11	0	0	0	0	0	0	0	0	0	0	.0	4.0	4.8	5.9	6.7	7.4	7.9	8.7	9.4	10.4
61	27	29	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.6	5.1	5.8	7.2
61	27	30	1	1	2	21	22	32	0	0	0	0	0	0	0	0	0	40	16.6	17.4	18.4	18.8	19.4	20.0	20.2	20.7	21.2	21.7
61	27	31	1	1	2	21	22	32	0	3	0	0	0	14	0	0	0	41	23.1	23.8	24.5	25.0	25.5	26.2	26.5	26.8	27.3	27.9
61	27	32	1	1	1	11	11	12	0	0	0	0	0	0	0	0	0	0	4.3	4.8	5.3	5.8	6.3	6.8	7.3	7.8	8.4	9.2
61	27	33	1	1	2	20	22	31	0	0	0	0	0	0	0	0	0	41	20.8	22.0	22.9	23.8	24.7	25.3	25.7	25.9	26.5	27.5
61	27	34	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.2	4.7	6.2
61	27	35	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.6	4.3	4.8	6.3
61	27	36	2	2	2	32	32	32	0	3	31	31	0	30	30	30	32	32	24.2	24.8	25.2	25.7	26.2	26.7	26.9	27.3	27.6	28.1
61	27	37	2	2	2	43	44	44	0	3	52	30	30	31	31	31	32	32	31.6	31.8	32.0	32.3	32.4	32.4	32.5	32.5	32.5	32.5
61	27	38	2	2	2	31	32	32	0	0	0	40	0	40	30	31	41	41	24.8	25.6	26.3	26.8	27.5	28.0	28.4	28.9	29.0	29.8
61	27	39	2	2	2	32	34	34	0	0	0	40	0	3	40	30	41	41	24.9	25.2	25.5	25.6	26.0	26.2	26.2	26.2	26.2	26.4
61	27	40	2	2	2	34	33	33	0	74	0	0	0	0	0	64	0	10	8.3	8.5	8.5	8.6	8.9	9.0	9.1	9.3	9.6	10.0
61	27	41	1	1	1	12	12	13	0	0	0	0	0	0	0	0	0	2	7.9	8.4	8.8	9.1	9.5	9.9	10.1	10.5	10.7	11.1
61	27	42	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.6	5.2	5.9	7.4
61	27	43	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.0	4.3	4.7	5.0	5.6	6.4
61	27	44	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.1	4.4	4.8	5.1	5.5	6.0
61	27	45	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.0	4.6	5.3	5.7	6.1	7.3
61	27	46	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.0	5.2	6.1	6.6	7.1	7.6	8.7
61	27	47	1	1	1	1X	11	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	3.9	4.3	4.9	5.4	6.0	6.8
61	27	48	1	1	1	1X	12	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.2	4.7	5.2	5.5	5.8	6.5
61	27	49	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.2	4.6	5.4	7.0
61	27	50	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.7	4.2	4.7	6.4
61	27	51	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.1	4.7	6.2
61	27	52	1	1	1	1X	10	12	0	0	0	0	0	0	0	0	0	2	.0	.0	4.0	4.5	5.5	7.9	7.9	7.9	8.0	8.8
61	27	53	1	1	1	1X	11	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	3.6	4.2	4.7	5.2	5.9	7.6
61	27	54	2	2	2	31	32	34	0	3	0	0	0	0	0	40	40	41	27.3	27.5	28.5	29.0	29.5	29.8	30.0	30.4	30.4	30.7
61	27	55	2	2	2	32	33	33	0	0	0	0	0	0	30	40	40	41	26.0	26.5	26.7	26.9	27.4	27.6	27.8	27.8	28.3	28.5
61	27	56	2	2	2	42	42	33	0	0	30	0	0	0	0	40	40	41	35.5	35.9	36.1	36.5	36.9	37.1	37.5	37.9	38.0	38.5
61	27	57	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.6	5.1	6.8
61	27	58	2	2	2	31	32	33	0	0	0	30	0	0	30	40	40	41	25.5	26.2	26.9	27.4	27.9	28.4	28.7	28.9	29.2	29.5
61	27	59	2	2	2	32	32	32	0	0	0	30	0	0	30	30	40	40	14.7	15.5	15.7	16.1	16.7	16.9	17.3	17.9	18.3	19.2
61	27	60	2	2	2	32	34	34	0	3	0	0	0	0	30	0	0	3	16.8	17.2	17.3	17.6	18.0	18.2	18.3	18.3	18.4	18.6
61	27	61	2	2	2	33	34	34	0	0	0	0	0	0	30	30	0	9	19.2	19.5	19.6	19.8	20.0	20.1	20.2	20.3	20.3	20.5
61	27	62	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.6	4.3	6.1
61	27	63	2	2	2	44	44	44	40	45	60	40	41	41	41	41	41	41	32.1	32.5	32.5	32.7	32.8	32.8	32.8	32.8	32.9	32.9
61	27	64	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	4.0	4.4	6.3
61	27	65	1	1	2	20	20	31	0	0	0	0	0	0	0	0	0	41	14.6	16.2	17.4	18.6	19.8	20.7	21.5	22.1	23.4	24.0
61	27	66	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.6	4.2	4.8	6.3
61	27	67	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	4.0	4.8	5.5	6.3	7.1	7.9	8.7	10.2
61	27	68	1	1	1	1X	10	11	0	0	0	0	0	14	0	0	0	3	.0	.0	3.6	4.8	6.0	6.9	7.8	8.4	9.1	10.1
61	27	69	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.1	4.7	5.3	5.9	7.5
61	27	70	1	1	1	1X	10	10	0	0	0	0	0	0	0	0	0	0	.0	.0	3.6	4.3	5.7	6.8	7.6	8.6	9.7	11.3
61	27	71	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.0	4.7	5.3	7.0
61	27	72	1	1	1	20	20	21	0	0	0	0	0	0	0	0	0	40	12.9	14.4	15.6	16.6	17.4	18.3	18.9	19.6	20.3	21.1
61	27	73	1	1	1	21	23	24	0	0	0	0	0	0	0	0	0	40	16.7	17.7	18.4	19.0	19.4	19.7	20.0	20.0	20.1	20.2
61	27	74	1	1	1	20	21	20	0	0	0	0	0	0	0	0	0	40	13.4	15.0	16.3	17.5	18.4	19.3	19.9	20.3	21.3	23.4
61	27	75	1	1	2	20	21	32	0	3	0	0	0	0	0	0	0	40	19.1	20.8	21.8	22.5	23.1	24.0	24.5	24.7	25.6	26.1
61	27	76	1	1	1	20	22	22	0	52	0	0	0	0	0	0	0	40	17.2	17.9	18.7	19.5	20.0	20.2	20.6	21.1	21.4	22.0
61	27	77	1	1	1	21	22	21	0	0	0	0	0	0	0	0	0	41	14.2	15.3	16.1	16.7	17.2	17.7	18.1	18.3	18.9	19.8
61	27	78	1	1	2	21	21	32	0	0	0	0	0	0	0	0	0	41	20.5	21.7	22.3	23.2	23.7	24.3	24.7	25.4	25.7	26.4
61	27	79	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.8	4.4	6.2
61	27	80	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	3.7	4.3	4.8	5.3	6.9

61	27	81	1	1	1	20	20	21	0	0	0	0	0	0	0	0	40	41	16.5	17.6	18.7	19.8	20.6	21.4	22.0	22.8	23.5	24.3
61	27	82	1	1	1	21	22	22	0	0	0	0	0	0	0	0	40	41	12.7	13.5	14.2	14.6	15.1	15.5	15.7	16.1	16.5	17.0
61	27	83	1	1	1	20	21	22	0	0	0	0	0	0	0	0	40	41	15.6	15.7	16.5	17.1	18.0	18.5	19.1	19.8	20.4	21.2
61	27	84	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.2	4.7	5.3	5.7	6.3	7.0	8.4
61	27	85	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	4.6	5.0	6.7
61	27	86	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.0	4.6	5.1	5.6	6.2	7.7
61	27	87	1	1	1	1X	1X	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	3.8	4.5	6.0
61	27	88	1	1	1	21	22	22	0	0	0	0	0	0	0	0	0	0	10.3	11.0	11.6	12.2	12.8	13.4	13.7	14.2	14.7	15.4
61	27	89	1	1	2	21	21	32	0	0	0	0	0	0	0	0	0	40	25.1	26.1	26.9	27.5	28.2	28.8	29.3	29.7	30.4	31.0
61	27	90	1	1	2	21	21	31	65	46	0	9	0	0	30	0	0	40	19.4	20.1	20.7	21.6	21.9	22.6	22.8	23.4	23.9	25.1
61	27	91	1	1	2	22	23	34	0	0	0	0	0	0	0	0	0	41	24.9	25.4	25.9	26.0	26.7	26.9	27.1	27.3	27.6	27.7
61	27	92	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	3.8	4.3	5.0	6.4
61	27	93	1	1	1	1X	11	10	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	4.2	4.7	5.3	6.0	6.7	8.1
61	27	94	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	.0	4.1	4.7	5.3	6.7
61	27	95	1	1	1	1X	1X	11	0	0	0	0	0	0	0	0	0	2	.0	.0	.0	.0	.0	4.0	4.6	5.2	5.8	7.1
61	27	96	1	1	1	1X	11	11	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	4.2	4.6	5.2	5.9	6.4	7.0	8.3
61	27	97	1	1	1	1X	1X	12	0	0	0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	4.0	4.3	4.7	5.1	6.0
61	27	98	2	2	2	20	22	24	0	0	0	0	0	3	0	0	0	95	14.7	15.0	16.2	17.0	17.7	18.5	18.6	18.9	19.0	19.0
61	27	99	1	0	0	2X	44	44	0	9	99	0	0	0	0	0	0	0	11.4	11.5	11.5	.0	.0	.0	.0	.0	.0	.0
61	27	100	2	2	0	33	3X	44	0	0	92	0	64	0	90	0	0	0	25.3	25.7	26.1	26.2	26.4	26.5	26.5	.0	.0	.0
61	27	101	2	0	0	4X	44	44	0	0	0	92	0	0	0	0	0	0	33.1	33.3	33.3	33.3	.0	.0	.0	.0	.0	.0
61	27	102	2	2	2	44	44	44	24	24	24	24	24	24	24	24	24	94	30.6	30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
61	27	103	2	2	2	4X	4X	4X	24	24	92	0	0	0	0	0	0	0	30.1	30.1	30.1	.0	.0	.0	.0	.0	.0	.0
61	27	104	1	1	1	12	1X	1X	46	46	46	46	96	0	0	0	0	0	10.1	11.0	11.4	11.8	12.0	.0	.0	.0	.0	.0
61	27	105	2	2	2	44	4X	4X	76	0	0	0	0	90	0	0	0	0	38.8	39.1	39.2	39.4	39.5	39.5	.0	.0	.0	.0
61	27	106	2	2	2	4X	4X	4X	91	0	0	0	0	0	0	0	0	0	32.6	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	27	107	2	2	2	43	44	4X	23	23	23	24	24	24	24	24	94	0	22.8	23.0	23.2	23.4	23.6	23.7	23.7	23.8	23.9	.0

Section 2: SUBPLOT DATA

TABLE 2.1:

SUMMARY FOR PLOT NO. 61 SUBPLOT NO. 1 AREA: 2.50 ACRES

STEM COUNT PER ACRE

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	.80	2.40	3.20	7.20	8.00	17.60	30.80	20.80	.00	.00
5	.00	.40	1.60	1.20	6.80	8.00	12.40	32.80	32.40	.00
6	.00	.40	1.20	2.00	.80	6.40	10.40	11.20	25.60	25.20
7	.40	.00	.40	1.60	1.60	1.20	6.00	9.20	9.60	28.40
8	.00	.40	.00	.40	2.00	1.60	1.20	5.60	8.80	13.60
9	.00	.00	.40	.40	.40	2.00	2.40	2.00	4.80	8.00
10	.40	.00	.00	.00	.40	.40	1.20	1.60	1.60	5.60
11	.00	.40	.00	.40	.00	.40	.80	1.20	2.00	1.60
12	.00	.00	.40	.00	.40	.00	.00	.40	.80	1.60
13	.00	.00	.00	.00	.00	.40	.40	.00	.00	1.60
14	.00	.00	.00	.40	.40	.00	.00	.40	.40	.00
15	.80	.80	.40	.40	.00	.40	.00	.00	.00	.40
16	.00	.00	.40	.40	.40	.40	.80	.40	.40	.40
17	.40	.40	.40	.00	.40	.40	.40	.40	.40	.00
18	.40	.40	.00	.40	.40	.40	.40	.80	.80	.80
19	1.60	.00	.40	.40	.00	.00	.00	.00	.00	.40
20	.40	2.00	.80	.00	.40	.40	.40	.00	.00	.00
21	3.20	2.80	2.80	2.00	1.20	.80	.40	.80	.80	.40
22	.80	.40	1.60	2.80	2.40	1.60	2.00	1.60	1.20	.40
23	1.20	1.20	.40	.40	1.60	2.40	2.40	2.80	2.40	2.00
24	2.40	2.40	1.60	.00	.00	.40	.40	.00	.80	2.00
25	.40	1.20	2.80	3.60	2.00	1.20	1.20	1.60	1.60	.80
26	.80	.80	.80	1.60	3.20	2.80	2.00	.80	.80	1.20
27	.80	.40	.40	.40	.40	1.60	2.40	3.20	2.40	2.00
28	.40	.40	.00	.00	.00	.00	.00	.00	.80	1.60
29	.40	.80	.80	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	.40	1.20	.40	.40	.40	.40	.00	.00
31	.00	.00	.00	.00	.80	.80	.40	.40	.80	.40
32	.00	.00	.00	.00	.00	.00	.40	.40	.40	.40
33	.00	.00	.00	.00	.00	.00	.00	.00	.00	.40
34	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
38	.40	.00	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.40	.40	.40	.40	.40	.40	.40	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	16.00	18.40	21.60	27.60	34.80	52.40	80.00	99.20	99.60	99.20

BASAL AREA PER ACRE IN SQ. FT.

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	.07	.20	.28	.63	.73	1.58	2.88	2.02	.00	.00
5	.00	.06	.23	.16	.93	1.12	1.64	4.47	4.65	.00
6	.00	.07	.23	.40	.17	1.23	2.10	2.17	5.11	5.38
7	.10	.00	.12	.43	.45	.32	1.57	2.57	2.57	7.55
8	.00	.13	.00	.13	.71	.59	.39	1.91	3.16	4.74
9	.00	.00	.20	.16	.17	.89	1.05	.91	2.07	3.70
10	.23	.00	.00	.00	.21	.21	.65	.90	.86	3.10
11	.00	.28	.00	.25	.00	.25	.51	.79	1.34	1.04
12	.00	.00	.34	.00	.30	.00	.00	.30	.64	1.25
13	.00	.00	.00	.00	.00	.35	.39	.00	.00	1.46
14	.00	.00	.00	.40	.46	.00	.00	.43	.46	.00
15	.97	1.00	.51	.52	.00	.52	.00	.00	.00	.52
16	.00	.00	.54	.57	.54	.55	1.10	.56	.57	.57
17	.62	.64	.66	.00	.61	.65	.66	.60	.63	.00
18	.68	.71	.00	.68	.70	.71	.71	1.41	1.45	1.47
19	3.23	.00	.76	.80	.00	.00	.00	.00	.00	.80
20	.85	4.34	1.75	.00	.84	.87	.90	.00	.00	.00
21	7.63	6.83	6.82	4.88	2.97	2.02	1.01	1.93	1.97	1.01
22	2.15	1.03	4.14	7.46	6.43	4.27	5.35	4.32	3.28	1.05
23	3.45	3.50	1.16	1.19	4.64	6.92	7.01	8.23	7.02	5.80
24	7.56	7.64	5.10	.00	.00	1.24	1.28	.00	2.44	6.22
25	1.32	3.99	9.48	12.21	6.79	4.04	4.06	5.41	5.48	2.73
26	2.92	2.95	2.98	5.93	11.89	10.44	7.47	2.96	2.98	4.38
27	3.12	1.58	1.60	1.60	1.63	6.36	9.53	12.71	9.53	7.96
28	1.76	1.69	.00	.00	.00	.00	.00	.00	3.38	6.89
29	1.81	3.67	3.67	.00	.00	.00	.00	.00	.00	.00
30	.00	.00	1.91	5.90	1.98	2.03	2.03	2.03	.00	.00
31	.00	.00	.00	.00	4.14	4.22	2.11	2.14	4.21	2.07
32	.00	.00	.00	.00	.00	.00	2.18	2.22	2.29	2.18
33	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.42

34	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
38	3.23	.00	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	3.27	3.32	3.35	3.37	3.37	3.37	3.37	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	41.70	43.57	45.82	47.66	50.65	54.74	59.95	64.36	66.09	74.27

TABLE 2.2:

SUMMARY FOR PLOT NO. 61 SUBPLOT NO. 2 AREA: 2.50 ACRES

STEM COUNT PER ACRE

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	.40	1.60	3.60	6.40	6.80	10.80	27.60	37.60	8.00	.00
5	.00	.40	2.40	2.00	5.60	6.80	11.20	25.60	40.00	.00
6	.00	.00	.40	1.60	1.60	4.80	7.20	9.60	21.20	30.00
7	.00	.00	.00	.80	1.60	2.00	3.20	8.00	10.40	31.20
8	.00	.00	.00	.40	.80	1.20	2.00	3.20	6.40	12.80
9	.00	.00	.00	.00	.00	.80	2.00	1.20	3.20	10.40
10	.00	.00	.00	.00	.00	.00	.00	1.60	.80	4.00
11	.80	.00	.00	.00	.00	.00	.00	.00	1.20	1.20
12	.00	.40	.00	.00	.00	.00	.00	.00	.00	.80
13	.00	.40	.80	.40	.00	.00	.00	.00	.00	.80
14	.40	.40	.40	.80	.40	.40	.00	.00	.00	.00
15	.40	.00	.00	.00	.80	.40	.80	.40	.40	.00
16	.80	.40	.40	.00	.00	.40	.40	.40	.40	.40
17	.40	1.20	.00	.40	.40	.00	.00	.40	.00	.40
18	.80	.40	1.20	.40	.40	.80	.40	.40	.40	.00
19	.40	.80	.40	.80	.80	.40	.80	.80	1.20	1.20
20	.80	.00	.80	.80	.00	.40	.40	.00	.00	.40
21	.40	1.20	.40	.80	1.60	1.20	.40	.40	.40	.00
22	1.20	.40	1.20	.80	.40	.80	1.20	.80	.40	.80
23	1.60	1.60	1.20	1.60	1.60	.80	1.20	1.20	1.20	.80
24	.80	1.20	.80	.80	1.20	1.20	1.20	1.20	1.20	1.60
25	.80	.40	1.20	.40	.00	.40	.40	.80	1.20	.00
26	.40	.80	.00	.80	1.20	.80	.80	.80	.80	1.60
27	.00	.00	.80	.40	.00	.40	.40	.40	.40	.40
28	1.20	.80	.40	.80	.80	.40	.40	.40	.00	.40
29	.00	.80	.80	.80	.80	1.60	1.60	1.60	1.20	1.20
30	.40	.40	.80	.40	.40	.00	.00	.00	.40	.40
31	.00	.00	.00	.40	.40	.40	.40	.40	.40	.40
32	.40	.00	.00	.00	.00	.40	.40	.40	.00	.00
33	.40	.40	.00	.00	.00	.00	.00	.00	.40	.40
34	.40	.80	1.20	1.20	.80	.40	.40	.40	.00	.00
35	.00	.00	.00	.00	.40	.80	.80	.80	.80	.40
36	.00	.00	.00	.00	.00	.00	.00	.00	.00	.40
37	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	13.20	14.80	19.20	24.00	28.80	38.80	65.60	98.80	102.40	102.40

BASAL AREA PER ACRE IN SQ. FT.

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	.03	.13	.30	.61	.64	1.01	2.55	3.57	.86	.00
5	.00	.05	.30	.27	.80	.96	1.55	3.48	5.51	.00
6	.00	.00	.07	.32	.34	.92	1.47	1.87	4.14	6.34
7	.00	.00	.00	.19	.42	.57	.81	2.11	2.82	8.45
8	.00	.00	.00	.14	.26	.41	.68	1.14	2.19	4.48
9	.00	.00	.00	.00	.00	.33	.90	.52	1.42	4.61
10	.00	.00	.00	.00	.00	.00	.00	.87	.44	2.20
11	.55	.00	.00	.00	.00	.00	.00	.00	.78	.78
12	.00	.32	.00	.00	.00	.00	.00	.00	.00	.61
13	.00	.35	.74	.39	.00	.00	.00	.00	.00	.76

14	.42	.43	.44	.90	.42	.45	.00	.00	.00	.00
15	.50	.00	.00	.00	.97	.50	.98	.50	.52	.00
16	1.16	.54	.59	.00	.00	.55	.59	.54	.57	.57
17	.61	1.95	.00	.62	.65	.00	.00	.63	.00	.60
18	1.46	.74	2.13	.69	.72	1.43	.71	.75	.68	.00
19	.75	1.63	.77	1.53	1.58	.76	1.52	1.55	2.33	2.35
20	1.69	.00	1.76	1.82	.00	.88	.92	.00	.00	.84
21	.95	2.84	.97	1.94	3.88	3.01	.99	.95	.98	.00
22	3.23	1.06	3.12	2.14	1.08	2.18	3.15	2.10	1.03	2.05
23	4.61	4.62	3.47	4.63	4.63	2.32	3.49	3.44	3.39	2.29
24	2.43	3.79	2.47	2.54	3.82	3.79	3.85	3.84	3.81	5.15
25	2.69	1.39	4.11	1.42	.00	1.36	1.36	2.73	4.15	.00
26	1.43	2.95	.00	2.89	4.40	2.94	2.97	2.98	3.01	5.88
27	.00	.00	3.15	1.64	.00	1.56	1.57	1.61	1.63	1.58
28	5.19	3.47	1.73	3.46	3.53	1.72	1.76	1.77	.00	1.66
29	.00	3.59	3.58	3.63	3.67	7.31	7.37	7.40	5.54	5.62
30	1.96	1.99	3.95	2.02	2.03	.00	.00	.00	1.91	1.98
31	.00	.00	.00	2.07	2.15	2.04	2.04	2.04	2.04	2.04
32	2.29	.00	.00	.00	.00	2.22	2.25	2.30	.00	.00
33	2.43	2.38	.00	.00	.00	.00	.00	.00	2.33	2.36
34	2.55	5.06	7.58	7.73	5.04	2.46	2.48	2.48	.00	.00
35	.00	.00	.00	.00	2.61	5.30	5.33	5.42	5.45	2.72
36	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.80
37	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	36.95	39.27	41.25	43.59	43.67	46.98	51.30	56.64	57.53	68.71

TABLE 2.3:

SUMMARY FOR PLOT NO. 61 SUBPLOT NO. 3 AREA: 2.35 ACRES

STEM COUNT PER ACRE

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	2.55	3.83	2.98	.85	3.40	5.96	10.21	22.13	2.98	.00
5	.85	1.28	2.13	2.98	.85	2.13	6.81	9.79	22.55	.00
6	.85	1.70	3.40	1.70	2.55	2.13	1.28	5.96	10.64	13.19
7	.85	1.28	1.28	2.55	2.55	2.98	1.70	1.28	3.83	13.62
8	.85	.00	.85	1.70	2.13	1.70	4.26	2.98	3.40	10.64
9	.43	1.70	.43	1.28	2.13	2.55	1.28	2.98	2.13	6.38
10	.85	.43	.43	.43	.85	1.70	3.40	2.55	2.55	1.28
11	1.70	1.28	2.13	.43	.43	.85	.43	2.13	2.98	3.83
12	.85	1.70	2.13	3.40	2.98	2.55	1.70	.43	1.28	2.13
13	1.70	1.28	.85	1.28	1.70	.85	2.13	1.70	1.70	2.13
14	2.13	.85	1.28	.85	.85	1.70	1.70	2.55	1.28	.43
15	2.98	2.98	1.28	1.70	1.28	2.13	2.13	1.28	1.70	1.70
16	2.13	1.70	3.40	1.28	1.70	1.28	.43	1.28	1.70	2.98
17	2.55	2.55	1.70	2.55	1.28	1.28	1.70	.85	1.28	.43
18	2.55	2.55	2.55	2.98	2.98	1.70	.85	1.28	1.28	1.28
19	1.28	2.55	2.55	1.70	2.55	3.40	3.83	3.83	2.13	2.13
20	2.55	1.28	1.28	2.55	2.55	2.55	1.70	1.70	2.55	1.70
21	.43	2.55	1.70	1.28	1.70	1.70	2.13	2.13	2.55	2.55
22	2.13	.00	1.70	2.13	1.70	1.28	1.70	2.13	1.70	2.55
23	.43	2.13	2.55	2.13	2.55	2.55	2.13	1.28	.85	.85
24	.00	.43	.00	1.28	1.70	1.70	2.13	2.55	2.55	2.13
25	.85	.43	.43	.43	.43	.85	1.70	1.70	2.98	2.98
26	.00	.43	.85	.43	.43	.00	.00	.43	.43	1.28
27	.43	.43	.00	.43	.43	.85	.43	.43	.43	.85
28	.00	.00	.43	.00	.00	.00	.43	.43	.43	.43
29	.43	.00	.00	.43	.43	.43	.43	.43	.43	.43
30	.43	.85	.43	.00	.00	.00	.00	.00	.00	.00
31	.43	.43	.85	1.28	.85	.85	.85	.85	.43	.43
32	.00	.00	.00	.00	.43	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.43	.43	.43	.43	.00
34	.00	.00	.00	.00	.00	.00	.00	.00	.00	.43
35	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00

44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	33.19	36.60	39.57	40.00	43.40	48.08	57.87	77.45	79.15	78.72

BASAL AREA PER ACRE IN SQ. FT.

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	.26	.35	.24	.07	.34	.51	.87	2.10	.30	.00
5	.11	.17	.31	.41	.10	.28	.89	1.29	3.06	.00
6	.16	.33	.69	.36	.49	.42	.27	1.09	2.07	2.84
7	.23	.34	.36	.68	.68	.80	.43	.36	.96	3.61
8	.29	.00	.31	.61	.75	.57	1.45	1.04	1.21	3.65
9	.18	.77	.18	.56	.95	1.12	.58	1.32	.94	2.71
10	.47	.26	.23	.25	.45	.87	1.86	1.45	1.39	.70
11	1.18	.87	1.42	.28	.30	.54	.28	1.41	1.97	2.62
12	.65	1.32	1.66	2.68	2.40	2.09	1.36	.32	.97	1.75
13	1.53	1.23	.79	1.18	1.61	.76	1.96	1.50	1.56	1.99
14	2.36	.92	1.39	.91	.93	1.79	1.87	2.76	1.42	.49
15	3.68	3.68	1.57	2.13	1.60	2.70	2.77	1.63	2.06	2.15
16	3.02	2.36	4.84	1.80	2.38	1.84	.60	1.77	2.33	4.15
17	4.10	4.01	2.81	4.03	2.01	2.06	2.68	1.38	2.06	.70
18	4.58	4.46	4.55	5.37	5.28	3.07	1.50	2.21	2.29	2.26
19	2.48	4.94	5.02	3.33	4.94	6.70	7.53	7.69	4.30	4.23
20	5.70	2.82	2.70	5.53	5.58	5.63	3.68	3.73	5.48	3.66
21	.98	6.15	4.12	3.09	4.15	4.16	5.06	5.11	6.19	6.10
22	5.80	.00	4.38	5.64	4.57	3.41	4.46	5.73	4.54	6.78
23	1.25	6.03	7.41	6.18	7.45	7.38	6.17	3.76	2.44	2.43
24	.00	1.33	.00	3.98	5.46	5.43	6.64	8.02	7.99	6.83
25	2.88	1.49	1.42	1.47	1.47	2.87	5.78	5.78	10.13	10.20
26	.00	1.52	3.11	1.61	1.63	.00	.00	1.54	1.61	4.71
27	1.68	1.74	.00	1.65	1.70	3.43	1.70	1.70	1.73	3.45
28	.00	.00	1.81	.00	.00	.00	1.78	1.81	1.82	1.87
29	1.97	.00	.00	1.90	1.90	1.94	1.95	1.97	1.97	1.99
30	2.06	4.19	2.16	.00	.00	.00	.00	.00	.00	.00
31	2.27	2.29	4.49	6.78	4.50	4.55	4.55	4.56	2.27	2.29
32	.00	.00	.00	.00	2.38	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	2.48	2.50	2.54	2.54	.00
34	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.65
35	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	49.88	53.58	57.97	62.50	66.01	67.41	71.18	75.58	77.60	86.82

TABLE 2.4:

SUMMARY FOR PLOT NO. 61 SUBPLOT NO. 4 AREA: 2.50 ACRES

STEM COUNT PER ACRE

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	10.00	12.00	9.20	6.80	.40	.40	9.60	13.60	1.20	.00
5	8.40	10.80	12.00	9.60	10.40	4.40	1.60	8.40	16.80	.00
6	5.20	8.40	10.80	14.00	10.40	10.40	9.20	5.20	8.80	9.20
7	3.60	4.80	6.00	7.60	12.40	12.40	11.60	8.80	6.80	15.20
8	4.40	4.80	6.00	5.20	6.00	10.00	10.00	11.20	10.00	13.60
9	1.60	3.20	4.80	6.00	5.20	6.00	8.00	9.20	9.20	8.80
10	.80	2.00	3.60	4.00	6.40	5.20	5.20	6.80	8.40	8.40
11	1.60	1.20	1.60	3.60	4.00	4.00	6.40	4.40	7.20	7.60
12	.80	.80	1.60	2.80	2.40	3.60	3.20	5.20	4.40	6.80
13	2.00	1.60	1.60	.80	2.40	2.40	2.80	3.20	3.20	3.60
14	1.60	2.40	1.60	1.60	2.00	2.80	2.80	3.60	3.60	5.20
15	2.80	1.20	2.00	2.40	.80	1.20	1.60	2.00	3.60	2.80
16	.40	2.00	.40	.80	2.40	2.00	2.00	2.40	.40	2.40
17	.40	.80	2.00	1.60	1.20	1.20	1.20	.80	2.40	2.00
18	.40	.40	.80	1.60	2.00	1.60	1.60	1.60	1.20	.80
19	1.60	.40	.40	.80	.00	1.20	1.20	2.00	2.40	2.40
20	1.20	2.00	2.00	1.20	1.20	.40	.40	.00	.40	1.60
21	.00	.40	.80	1.20	1.20	1.60	1.60	2.00	1.20	.80
22	.40	.40	.00	.40	1.20	.80	.80	.80	1.60	.80
23	1.20	.40	.80	.80	.00	.80	1.20	.80	.40	1.20

24	.40	.80	.00	.00	.80	.40	.40	.80	1.20	1.20
25	1.60	1.20	1.60	1.20	.40	.40	.40	.00	.00	.40
26	.80	1.60	1.60	1.60	1.60	2.00	.40	.80	.80	.40
27	.80	.80	.40	.80	1.60	1.20	2.80	2.40	1.20	1.20
28	1.20	.80	1.60	1.60	1.60	2.00	2.00	2.00	2.80	2.40
29	.40	.80	.40	.40	.40	.40	.00	.40	.40	1.20
30	.80	.40	.40	.40	.40	.00	.40	.40	.40	.00
31	.40	.80	1.20	.80	.40	.40	.40	.40	.40	.00
32	.40	.40	.40	.40	.80	1.20	1.20	.40	.40	.40
33	.00	.00	.00	.40	.40	.40	.40	1.20	1.20	.80
34	.40	.40	.00	.00	.00	.00	.00	.00	.00	.40
35	.00	.00	.40	.40	.40	.40	.40	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.40	.40	.40
37	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	55.60	68.00	76.00	80.80	80.80	81.20	90.80	101.20	102.40	102.00

BASAL AREA PER ACRE IN SQ. FT.

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	.94	1.05	.87	.65	.04	.04	.85	1.30	.12	.00
5	1.13	1.46	1.67	1.35	1.48	.67	.24	1.11	2.35	.00
6	1.06	1.65	2.07	2.83	2.12	2.12	1.84	1.05	1.75	1.97
7	1.01	1.28	1.57	2.02	3.35	3.39	3.22	2.42	1.92	4.06
8	1.53	1.73	2.10	1.82	2.06	3.55	3.56	3.96	3.55	4.81
9	.72	1.41	2.14	2.66	2.28	2.69	3.57	4.12	4.16	3.91
10	.44	1.08	2.02	2.14	3.47	2.96	2.88	3.69	4.58	4.75
11	1.02	.81	1.06	2.34	2.68	2.62	4.29	2.89	4.87	5.10
12	.65	.60	1.26	2.26	1.90	2.83	2.60	4.00	3.55	5.35
13	1.87	1.49	1.56	.77	2.20	2.21	2.60	2.97	2.96	3.38
14	1.74	2.58	1.77	1.69	2.19	2.96	3.02	3.86	3.88	5.62
15	3.50	1.51	2.49	2.94	.99	1.47	1.95	2.42	4.45	3.44
16	.57	2.82	.57	1.06	3.25	2.81	2.84	3.42	.57	3.41
17	.61	1.29	3.09	2.51	1.97	1.88	1.91	1.25	3.66	3.09
18	.68	.72	1.41	2.74	3.62	2.84	2.87	2.87	2.15	1.41
19	3.16	.81	.77	1.64	.00	2.35	2.35	3.92	4.76	4.79
20	2.57	4.30	4.43	2.70	2.65	.92	.87	.00	.86	3.49
21	.00	.94	1.93	2.88	2.87	3.82	3.82	4.85	2.95	2.00
22	1.02	1.08	.00	1.07	3.22	2.14	2.06	2.10	4.21	2.16
23	3.35	1.14	2.31	2.38	.00	2.26	3.47	2.37	1.19	3.35
24	1.26	2.43	.00	.00	2.48	1.23	1.23	2.47	3.76	3.82
25	5.50	4.10	5.44	4.19	1.42	1.32	1.39	.00	.00	1.41
26	2.92	5.91	5.95	6.02	5.99	7.53	1.43	2.89	2.97	1.44
27	3.22	3.28	1.56	3.13	6.34	4.77	11.06	9.58	4.80	4.83
28	5.13	3.37	6.73	6.81	6.85	8.57	8.64	8.60	11.97	10.29
29	1.78	3.66	1.80	1.83	1.87	1.90	.00	1.80	1.81	5.44
30	3.90	1.99	1.92	1.98	2.03	.00	1.91	1.94	1.94	.00
31	2.06	4.14	6.29	4.26	2.15	2.08	2.10	2.11	2.15	.00
32	2.19	2.23	2.28	2.19	4.40	6.73	6.83	2.28	2.28	2.21
33	.00	.00	.00	2.33	2.36	2.39	2.39	7.07	7.16	4.78
34	2.52	2.58	.00	.00	.00	.00	.00	.00	.00	2.48
35	.00	.00	2.64	2.72	2.73	2.75	2.75	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	2.80	2.81	2.84
37	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	58.04	63.46	69.70	75.91	80.98	85.80	90.55	96.07	100.13	105.64

TABLE 2.5:

SUMMARY FOR PLOT NO. 61 SUBPLOT NO. 5 AREA: 2.50 ACRES

STEM COUNT PER ACRE

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	3.20	3.20	4.80	6.00	1.60	1.20	9.20	7.60	1.20	.00

5	3.60	2.00	2.40	3.60	5.20	4.00	2.80	8.00	11.60	.00
6	3.60	5.20	4.80	1.60	3.60	4.80	5.60	4.40	6.00	6.40
7	2.80	2.40	2.40	5.60	4.80	3.60	2.80	4.40	4.40	14.00
8	1.20	2.40	2.00	2.40	3.60	5.20	6.80	4.40	4.40	4.40
9	1.60	1.20	3.20	2.00	.80	1.60	1.60	3.60	4.00	4.80
10	.00	1.20	1.60	2.80	3.20	1.60	2.00	1.60	2.00	2.80
11	.80	.80	.80	1.20	1.60	2.00	1.20	1.60	2.00	2.00
12	.40	.40	.80	1.60	1.20	2.80	2.40	3.20	2.40	1.60
13	1.20	.00	.00	.00	.80	.80	1.60	1.20	1.60	2.80
14	.80	1.60	.80	.00	.00	.00	.40	1.20	1.20	.80
15	.40	.80	1.60	2.00	2.00	.80	.00	.00	.80	2.00
16	1.20	.80	.00	.40	.00	1.20	2.00	2.00	1.60	.40
17	4.00	2.40	2.40	1.60	2.00	1.20	.80	.80	1.20	2.40
18	2.00	3.20	2.80	2.80	1.20	1.60	1.20	.80	.80	.40
19	2.80	2.00	2.00	2.40	2.40	1.60	2.00	2.00	1.20	.80
20	2.80	3.60	2.80	1.20	1.60	2.40	2.40	2.00	2.80	2.40
21	2.00	1.60	2.00	2.80	2.40	1.60	2.00	2.00	1.60	1.20
22	.00	1.20	2.00	1.60	2.00	2.80	1.60	1.60	1.20	2.00
23	.80	.40	.40	1.60	1.60	.80	1.20	2.00	2.40	1.20
24	.00	.40	.80	.40	.80	2.00	2.40	1.60	1.20	2.40
25	.00	.00	.40	.40	.00	.00	.40	1.20	1.60	1.60
26	.80	.40	.40	.40	.80	.00	.00	.00	.40	.80
27	.80	.80	.80	.40	.40	1.20	.80	.40	.40	.40
28	.40	.80	.40	1.20	.80	.80	1.20	.80	.40	.80
29	.80	.80	.40	.40	.80	.80	.80	1.60	1.20	.40
30	.40	.40	1.20	1.20	.80	.80	.80	.80	.80	1.60
31	.40	.40	.00	.00	.40	.40	.40	.00	.40	.40
32	.80	.40	.40	.40	.40	.00	.00	.40	.40	.40
33	.40	.80	.80	.80	.80	.40	.40	.40	.40	.40
34	.40	.40	.40	.40	.00	.80	.80	.80	.80	.80
35	.00	.00	.40	.40	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.40	.40	.40	.40	.40	.00
37	.00	.00	.00	.00	.00	.00	.00	.00	.00	.40
38	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	40.40	42.00	46.00	49.60	48.00	49.20	58.00	62.80	62.80	62.80

BASAL AREA PER ACRE IN SQ. FT.

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	.30	.31	.43	.58	.17	.10	.83	.73	.12	.00
5	.51	.30	.33	.53	.74	.56	.39	1.04	1.65	.00
6	.70	1.04	1.04	.32	.71	.95	1.13	.85	1.20	1.35
7	.73	.65	.64	1.47	1.36	1.03	.76	1.16	1.12	3.74
8	.42	.81	.71	.83	1.25	1.79	2.43	1.56	1.57	1.59
9	.72	.53	1.41	.90	.37	.73	.75	1.56	1.76	2.14
10	.00	.62	.88	1.52	1.82	.90	1.16	.88	1.08	1.50
11	.52	.55	.54	.77	1.08	1.34	.87	1.04	1.33	1.33
12	.30	.31	.63	1.28	.96	2.22	1.91	2.60	1.95	1.30
13	1.14	.00	.00	.00	.69	.75	1.46	1.13	1.48	2.55
14	.87	1.70	.89	.00	.00	.00	.40	1.29	1.29	.89
15	.47	.95	1.95	2.46	2.55	1.03	.00	.00	.93	2.50
16	1.72	1.17	.00	.58	.00	1.61	2.72	2.83	2.33	.57
17	6.34	3.80	3.78	2.51	3.20	1.93	1.26	1.28	1.88	3.79
18	3.55	5.62	5.07	5.08	2.19	2.87	2.11	1.42	1.45	.72
19	5.60	4.01	3.91	4.83	4.75	3.17	3.91	3.95	2.40	1.60
20	6.00	7.88	6.14	2.64	3.49	5.19	5.28	4.36	6.13	5.28
21	4.86	3.95	4.76	6.72	5.81	3.86	4.89	4.85	3.94	2.82
22	.00	3.19	5.30	4.18	5.28	7.48	4.30	4.27	3.18	5.27
23	2.37	1.20	1.13	4.63	4.69	2.37	3.43	5.79	7.00	3.52
24	.00	1.26	2.47	1.24	2.48	6.24	7.56	5.12	3.80	7.53
25	.00	.00	1.35	1.37	.00	.00	1.32	4.03	5.40	5.53
26	2.96	1.51	1.53	1.46	3.02	.00	.00	.00	1.43	2.92
27	3.23	3.18	3.26	1.57	1.59	4.85	3.28	1.63	1.65	1.58
28	1.73	3.45	1.75	5.14	3.40	3.47	5.21	3.47	1.72	3.49
29	3.68	3.77	1.80	1.80	3.62	3.66	3.68	7.33	5.53	1.87
30	1.98	2.00	5.90	6.00	4.01	4.03	4.06	4.06	3.94	7.87
31	2.10	2.15	.00	.00	2.07	2.11	2.15	.00	2.06	2.10
32	4.45	2.29	2.21	2.25	2.30	.00	.00	2.18	2.22	2.28
33	2.35	4.72	4.74	4.84	4.88	2.32	2.32	2.33	2.36	2.38
34	2.54	2.60	2.49	2.49	.00	4.98	5.01	5.04	5.04	5.10
35	.00	.00	2.67	2.72	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	2.76	2.80	2.81	2.86	2.87	.00
37	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.92
38	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00

44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	62.12	65.50	69.72	72.70	71.25	74.35	77.38	80.62	81.81	88.05

TABLE 2.6:

SUMMARY FOR PLOT NO. 61 SUBPLOT NO. 6 AREA: 2.35 ACRES

STEM COUNT PER ACRE

DIA CLASS	(IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4		2.13	5.53	4.26	1.70	2.98	5.11	9.36	14.89	3.83	.00
5		2.55	2.98	5.53	5.11	2.55	2.13	4.26	8.51	15.32	.00
6		.43	1.70	2.98	5.53	7.66	3.83	3.40	3.40	8.94	8.94
7		.85	.43	.85	2.13	3.40	6.38	4.26	4.26	2.55	16.60
8		.85	1.28	1.70	1.28	.43	2.55	4.68	5.11	4.68	5.11
9		.00	.00	.43	.85	2.55	1.70	1.70	2.13	4.26	3.83
10		.43	.00	.00	.43	.00	1.28	2.13	.85	1.70	4.26
11		.00	.43	.43	.43	.85	.43	.43	2.13	1.28	1.70
12		1.70	.43	.00	.43	.00	.85	.43	.85	1.28	2.55
13		1.70	2.55	2.55	1.70	1.70	1.28	1.70	.85	.43	.43
14		1.70	1.28	1.28	1.70	2.13	2.55	2.13	2.98	3.40	2.55
15		1.28	1.28	1.28	.85	.43	.00	.85	1.28	1.70	1.70
16		2.55	2.55	2.13	2.13	1.70	2.13	1.70	.85	.85	.85
17		5.53	4.68	1.70	1.28	1.70	1.28	1.70	1.28	1.28	2.13
18		2.13	2.98	5.11	4.26	1.70	1.70	1.70	2.13	2.55	1.28
19		2.98	2.13	2.13	3.40	4.68	3.40	2.55	2.13	1.70	2.55
20		1.70	2.13	2.98	2.13	2.98	3.40	4.26	3.83	2.55	2.55
21		1.70	1.70	1.70	2.13	2.55	2.55	1.70	2.55	2.98	3.40
22		1.28	1.70	1.70	2.55	2.98	2.98	2.98	1.70	2.55	1.70
23		1.70	2.13	2.13	.85	.00	1.28	2.13	2.55	2.13	2.13
24		1.28	1.28	1.70	2.98	2.98	.85	.43	1.28	2.13	2.13
25		.85	.43	.85	.85	1.28	2.13	2.55	2.13	1.70	2.13
26		.00	.85	.85	.85	.43	1.28	.85	1.70	1.70	2.13
27		.43	.43	.00	.43	1.28	1.28	.85	.85	.85	1.70
28		.00	.00	.43	.43	.43	.43	1.28	1.28	1.70	1.28
29		.43	.43	.43	.00	.00	.00	.00	.00	.00	.43
30		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
31		.85	.43	.00	.00	.00	.00	.00	.00	.00	.00
32		.43	.85	1.28	.85	.85	.43	.00	.00	.00	.00
33		.00	.00	.00	.43	.43	.43	.85	.85	.43	.43
34		.43	.00	.00	.00	.00	.00	.00	.00	.43	.43
35		.43	.85	.85	.00	.00	.00	.00	.00	.00	.00
36		.43	.43	.43	.85	.85	.85	.43	.00	.00	.00
37		.43	.43	.00	.43	.43	.43	.85	1.28	1.28	1.28
38		.00	.00	.43	.43	.43	.43	.00	.00	.00	.00
39		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
40		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
41		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
42		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
43		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
44		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL		39.15	44.26	48.08	49.36	52.34	55.32	62.13	73.62	76.17	76.17

BABAL AREA PER ACRE IN SQ. FT.

DIA CLASS	(IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4		.19	.49	.38	.16	.26	.46	.85	1.33	.38	.00
5		.36	.41	.76	.70	.38	.30	.59	1.19	2.05	.00
6		.09	.34	.57	1.12	1.57	.76	.73	.67	1.78	1.89
7		.21	.13	.20	.58	.96	1.70	1.18	1.16	.66	4.41
8		.30	.46	.64	.45	.14	.91	1.58	1.86	1.63	1.77
9		.00	.00	.21	.37	1.18	.75	.79	.92	1.91	1.66
10		.24	.00	.00	.21	.00	.72	1.21	.47	.94	2.41
11		.00	.26	.30	.26	.58	.29	.29	1.38	.87	1.11
12		1.39	.35	.00	.34	.00	.67	.36	.69	.98	2.08
13		1.57	2.33	2.37	1.63	1.61	1.22	1.59	.83	.40	.42
14		1.84	1.35	1.35	1.80	2.31	2.80	2.28	3.22	3.68	2.80
15		1.62	1.59	1.60	1.06	.54	.00	1.00	1.54	2.16	2.11
16		3.54	3.63	3.02	3.04	2.42	3.03	2.45	1.23	1.19	1.17
17		8.71	7.52	2.77	2.01	2.66	2.04	2.76	1.97	1.97	3.32
18		3.77	5.30	8.91	7.68	3.03	2.99	3.06	3.74	4.60	2.26
19		5.81	4.24	4.19	6.70	9.14	6.80	5.16	4.21	3.42	4.99
20		3.81	4.58	6.48	4.65	6.47	7.41	9.41	8.39	5.65	5.61
21		4.13	4.05	4.06	5.08	6.25	6.15	4.10	6.12	7.08	8.08
22		3.36	4.41	4.43	6.65	7.96	7.94	8.01	4.53	6.77	4.56
23		4.91	6.19	6.27	2.50	.00	3.65	6.17	7.26	6.13	6.22

24	3.96	4.00	5.36	5.40	9.53	2.75	1.39	4.01	6.71	6.63
25	2.95	1.42	2.91	2.88	4.29	7.13	8.68	7.25	5.91	7.32
26	.00	3.07	3.20	3.22	1.56	4.66	3.11	6.29	6.34	7.77
27	1.73	1.76	.00	1.69	5.09	5.20	3.40	3.45	3.40	6.84
28	.00	.00	1.79	1.81	1.81	1.81	5.38	5.46	7.28	5.43
29	1.98	1.98	1.98	.00	.00	.00	.00	.00	.00	1.99
30	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
31	4.53	2.27	.00	.00	.00	.00	.00	.00	.00	.00
32	2.38	4.72	7.07	4.69	4.72	2.45	.00	.00	.00	.00
33	.00	.00	.00	2.47	2.48	2.53	4.99	5.09	2.53	2.59
34	2.75	.00	.00	.00	.00	.00	.00	.00	2.62	2.68
35	2.78	5.62	5.78	.00	.00	.00	.00	.00	.00	.00
36	2.97	3.02	3.08	5.92	5.98	6.15	3.08	.00	.00	.00
37	3.23	3.26	.00	3.13	3.16	3.18	6.36	9.50	9.62	9.70
38	.00	.00	3.32	3.32	3.33	3.33	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	75.09	78.76	82.98	85.52	89.40	89.76	89.91	93.75	98.63	107.84

TABLE 2.7:

SUMMARY FOR PLOT NO. 61 SUBPLOT NO. 7 AREA: 2.50 ACRES

STEM COUNT PER ACRE

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	11.60	14.80	14.40	4.40	1.20	4.40	16.40	16.80	11.60	.00
5	8.40	12.00	12.40	14.00	8.80	5.20	6.80	16.80	15.20	.00
6	8.40	6.40	8.40	10.40	11.20	10.00	7.20	6.80	17.60	16.00
7	4.80	8.00	9.60	9.20	9.60	9.60	9.20	7.60	5.60	19.60
8	2.40	4.00	7.20	9.20	8.80	10.80	12.80	10.80	10.00	17.20
9	2.40	2.00	3.60	6.00	8.40	7.60	6.80	10.80	12.80	11.60
10	1.20	2.80	2.00	3.20	6.80	8.40	8.80	6.80	8.00	11.60
11	1.20	.80	2.40	2.00	2.40	3.20	5.20	8.40	8.00	7.60
12	.80	.80	1.60	2.40	1.60	2.40	4.00	3.60	4.80	6.40
13	.40	1.20	.80	1.60	2.40	2.80	1.20	2.80	3.60	4.80
14	.00	.40	1.20	1.60	.80	1.20	3.20	2.80	2.40	3.20
15	.00	.00	.40	.40	1.60	.80	.40	1.20	2.40	2.00
16	.00	.00	.00	.40	.80	1.20	1.20	1.20	.80	2.00
17	.40	.00	.00	.00	.00	.80	1.20	.80	1.20	.40
18	.40	.40	.00	.00	.00	.00	.00	.80	.80	1.60
19	.40	.40	.80	.40	.00	.00	.00	.00	.40	1.20
20	.00	.40	.00	.40	.80	.40	.40	.40	.00	.00
21	.40	.40	.80	.40	.00	.40	.40	.00	.40	.40
22	.00	.00	.00	.40	.80	.80	.40	.80	.80	.80
23	1.20	1.20	.80	.80	.40	.40	.80	.80	.40	.00
24	1.20	1.20	1.20	1.20	1.60	.80	.80	.80	.40	.80
25	1.20	.80	.80	.40	.40	.80	.40	.40	.80	.80
26	.40	.80	.80	.80	.40	.40	.80	.80	.80	.40
27	.40	.40	.40	.80	1.20	1.20	.80	.80	.80	.80
28	.40	.00	.40	.40	.40	.00	.40	.40	.40	.40
29	1.20	1.20	.80	.80	.00	.40	.40	.40	.00	.00
30	1.20	1.20	1.60	1.20	2.00	2.00	1.60	1.60	1.20	.80
31	.80	1.20	.40	.80	.40	.40	.80	.80	1.20	1.60
32	.40	.40	1.20	.80	1.20	1.20	1.20	1.20	1.20	1.20
33	.40	.40	.40	.80	.80	.40	.40	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.40	.40	.40
35	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
36	.40	.40	.40	.40	.40	.40	.40	.40	.40	.40
37	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	52.40	64.00	74.80	75.60	75.20	78.40	94.40	108.00	114.40	114.00

BASAL AREA PER ACRE IN SQ. FT.

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	.95	1.25	1.24	.44	.12	.38	1.41	1.52	1.11	.00
5	1.10	1.70	1.69	1.92	1.28	.78	.92	2.34	2.10	.00
6	1.71	1.27	1.68	2.10	2.20	2.03	1.46	1.36	3.50	3.36
7	1.26	2.18	2.58	2.48	2.63	2.60	2.48	2.08	1.48	5.26
8	.84	1.35	2.59	3.24	3.06	3.77	4.49	3.86	3.56	6.01
9	1.08	.88	1.57	2.66	3.75	3.42	2.98	4.73	5.67	5.15
10	.69	1.57	1.10	1.73	3.69	4.62	4.81	3.73	4.34	6.35
11	.80	.55	1.62	1.31	1.62	2.15	3.37	5.57	5.35	5.00
12	.61	.62	1.26	1.83	1.30	1.86	3.16	2.87	3.78	5.05
13	.39	1.05	.74	1.43	2.20	2.65	1.11	2.56	3.36	4.52
14	.00	.44	1.23	1.75	.83	1.25	3.42	3.08	2.58	3.49
15	.00	.00	.50	.49	1.96	.97	.50	1.44	2.97	2.44
16	.00	.00	.00	.55	1.14	1.64	1.65	1.73	1.12	2.76
17	.67	.00	.00	.00	.00	1.25	1.90	1.25	1.88	.60
18	.73	.72	.00	.00	.00	.00	.00	1.41	1.43	2.75
19	.82	.76	1.60	.82	.00	.00	.00	.00	.77	2.41
20	.00	.87	.00	.86	1.76	.89	.90	.92	.00	.00
21	.96	.98	1.92	.99	.00	.95	.98	.00	.95	1.01
22	.00	.00	.00	1.02	2.07	2.15	1.06	2.09	2.13	2.20
23	3.43	3.48	2.33	2.35	1.14	1.14	2.26	2.29	1.18	.00
24	3.74	3.82	3.78	3.87	5.10	2.50	2.51	2.52	1.22	2.46
25	4.10	2.76	2.74	1.37	1.41	2.74	1.32	1.32	2.66	2.66
26	1.47	2.96	2.95	2.94	1.44	1.47	2.93	2.95	3.01	1.51
27	1.61	1.65	1.57	3.13	4.72	4.81	3.16	3.18	3.20	3.19
28	1.76	.00	1.71	1.75	1.77	.00	1.67	1.70	1.71	1.75
29	5.53	5.52	3.73	3.78	.00	1.81	1.81	1.81	.00	.00
30	5.92	5.88	7.89	5.89	9.83	9.94	7.93	7.97	6.01	3.98
31	4.23	6.36	2.14	4.21	2.08	2.10	4.14	4.17	6.24	8.36
32	2.22	2.25	6.62	4.41	6.65	6.66	6.66	6.70	6.72	6.74
33	2.35	2.35	2.35	4.67	4.71	2.40	2.45	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	2.48	2.52	2.58
35	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
36	2.83	2.84	2.87	2.89	2.89	2.89	2.89	2.89	2.89	2.89
37	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	51.82	56.07	62.01	66.88	71.37	71.84	76.35	82.51	85.44	94.48

TABLE 2.8:

SUMMARY FOR PLOT NO. 61 SUBPLOT NO. 8 AREA: 2.50 ACRES

STEM COUNT PER ACRE

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	2.40	4.40	3.60	2.00	2.40	3.20	6.40	10.40	1.60	.00
5	3.60	3.20	4.40	3.60	2.00	3.60	4.40	6.40	9.60	.00
6	2.00	2.00	3.20	4.40	5.20	3.20	2.80	5.60	7.20	5.60
7	2.40	2.40	2.80	3.20	4.00	4.40	4.00	3.20	5.20	12.00
8	1.60	1.60	2.00	2.80	2.00	2.40	4.40	5.20	4.40	7.20
9	2.40	2.80	2.00	1.60	2.00	2.80	1.20	1.20	3.60	4.40
10	.40	1.60	1.60	2.00	1.60	1.20	3.20	2.00	1.20	2.40
11	1.60	.80	2.40	2.00	2.00	3.20	1.60	2.40	2.80	1.20
12	2.40	2.40	1.60	2.00	2.80	2.80	2.80	3.20	4.00	4.80
13	1.20	1.20	1.60	2.00	2.40	.80	2.40	2.80	2.00	2.40
14	1.20	1.60	2.00	2.00	1.60	2.40	2.40	1.20	1.20	2.40
15	.80	.80	.00	.40	1.20	1.20	.80	2.40	2.40	1.20
16	1.60	1.20	1.20	1.20	.00	.40	.80	.80	1.20	2.80
17	1.20	1.60	2.40	2.00	2.80	2.00	2.00	1.60	1.20	.40
18	2.80	1.60	.80	.80	.80	1.20	1.20	1.20	1.60	1.60
19	.40	2.00	2.80	2.40	2.00	1.60	1.20	1.20	1.60	1.60
20	2.00	.80	.40	.80	1.20	2.00	2.40	2.00	.80	.40
21	4.00	4.80	3.60	2.80	2.00	1.20	1.20	1.20	2.00	2.40
22	3.60	2.40	3.60	4.00	4.00	3.20	2.40	2.00	1.20	.80
23	1.20	2.00	1.60	2.40	3.20	4.40	4.00	4.40	4.00	3.20
24	2.00	2.00	2.40	2.00	1.60	1.60	2.40	2.40	3.60	4.00
25	1.60	2.40	2.40	2.40	2.40	1.20	1.20	.80	.80	1.60
26	1.20	.40	.80	.40	.80	2.40	2.40	2.40	2.00	1.60
27	1.20	1.60	1.60	1.20	1.60	1.20	1.20	1.20	1.60	1.60
28	.80	.40	.00	.80	.80	.80	.80	1.20	1.20	2.00
29	.00	.80	1.20	.40	.40	.00	.00	.00	.00	.00
30	.40	.40	.40	1.20	.40	.40	.40	.40	.40	.40
31	.00	.00	.00	.40	.80	.80	.80	.40	.40	.00
32	.40	.40	.00	.00	.00	.40	.00	.00	.00	.40
33	.00	.00	.40	.40	.40	.40	.80	.00	.00	.00

34	.40	.40	.40	.00	.00	.00	.00	.80	.80	.40
35	.00	.00	.00	.40	.40	.40	.40	.00	.00	.40
36	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
37	.40	.40	.40	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
40	.40	.40	.40	.40	.40	.40	.40	.40	.40	.40
41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	47.60	50.80	54.00	54.40	55.20	57.20	62.40	70.40	70.00	69.60

BASAL AREA PER ACRE IN SQ. FT.

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	.20	.39	.33	.19	.22	.29	.57	.92	.16	.00
5	.50	.47	.59	.51	.28	.51	.64	.87	1.26	.00
6	.43	.40	.63	.89	1.04	.66	.55	1.11	1.38	1.14
7	.64	.65	.74	.87	1.10	1.22	1.06	.86	1.33	3.29
8	.56	.54	.75	.98	.75	.83	1.51	1.87	1.53	2.50
9	1.11	1.25	.94	.75	.85	1.29	.55	.53	1.54	1.99
10	.23	.89	.85	1.12	.86	.62	1.74	1.09	.66	1.25
11	1.11	.56	1.61	1.31	1.30	2.14	1.09	1.56	1.91	.79
12	1.89	1.91	1.31	1.56	2.14	2.26	2.15	2.45	3.19	3.86
13	1.14	1.09	1.45	1.82	2.22	.74	2.19	2.60	1.90	2.25
14	1.30	1.67	2.14	2.19	1.74	2.57	2.66	1.31	1.28	2.67
15	1.00	1.00	.00	.47	1.47	1.47	.98	2.92	2.92	1.49
16	2.27	1.72	1.64	1.75	.00	.54	1.09	1.15	1.65	3.95
17	1.91	2.48	3.79	3.19	4.44	3.21	3.27	2.65	1.96	.67
18	5.00	2.85	1.47	1.46	1.44	2.07	2.13	2.13	2.80	2.86
19	.75	3.81	5.45	4.70	4.00	3.18	2.35	2.34	3.18	3.17
20	4.42	1.75	.90	1.71	2.55	4.30	5.27	4.50	1.82	.86
21	9.55	11.58	8.79	6.86	4.89	2.94	2.97	2.91	4.74	5.80
22	9.61	6.36	9.50	10.71	10.69	8.54	6.44	5.35	3.22	2.13
23	3.54	5.71	4.59	6.93	9.21	12.75	11.48	12.76	11.57	9.34
24	6.37	6.25	7.51	6.40	5.09	5.03	7.40	7.56	11.35	12.65
25	5.38	8.16	8.23	8.35	8.36	4.11	4.15	2.76	2.78	5.42
26	4.50	1.49	3.01	1.53	2.90	8.70	8.78	8.80	7.36	5.83
27	4.78	6.33	6.48	4.81	6.46	4.85	4.90	4.82	6.43	6.40
28	3.51	1.76	.00	3.35	3.37	3.42	3.43	5.17	5.24	8.64
29	.00	3.59	5.61	1.86	1.89	.00	.00	.00	.00	.00
30	1.98	2.00	2.03	5.94	1.99	1.91	1.91	1.94	1.95	1.98
31	.00	.00	.00	2.06	4.22	4.13	4.15	2.11	2.14	.00
32	2.28	2.30	.00	.00	.00	2.23	.00	.00	.00	2.21
33	.00	.00	2.33	2.38	2.39	2.43	4.80	.00	.00	.00
34	2.57	2.58	2.60	.00	.00	.00	.00	4.96	5.00	2.55
35	.00	.00	.00	2.63	2.64	2.66	2.66	.00	.00	2.67
36	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
37	3.02	3.04	3.04	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
40	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58
41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	85.12	88.17	91.87	92.76	94.07	95.19	96.47	93.54	95.84	101.93

TABLE 2.9:

SUMMARY FOR PLOT NO. 61 SUBPLOT NO. 9 AREA: 2.50 ACRES

STEM COUNT PER ACRE

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	3.20	9.20	5.20	3.20	2.40	5.60	15.20	21.60	10.40	.00
5	5.60	5.60	10.80	7.20	5.20	5.60	6.80	15.60	19.60	.00
6	4.00	4.40	4.40	9.60	8.00	6.00	6.00	7.20	18.00	20.00
7	4.00	3.20	2.80	4.00	5.60	6.00	6.00	5.20	3.60	21.20
8	3.20	4.00	2.00	2.00	4.80	6.80	6.40	6.80	7.60	13.60
9	3.20	3.60	5.20	2.40	2.00	2.40	4.00	3.60	5.20	4.40
10	.00	2.40	2.40	4.80	4.00	1.20	2.40	4.40	4.00	5.20
11	1.60	.40	3.60	2.40	3.20	3.20	2.80	1.20	2.80	4.00
12	.40	1.20	.80	3.60	2.80	4.40	4.40	4.80	2.80	4.00
13	.40	.80	.40	.80	3.60	4.00	2.80	2.80	3.60	2.80

14	1.20	1.20	2.00	.80	.40	2.00	3.60	3.60	3.60	2.80
15	.40	.40	.80	1.60	1.20	.40	.80	2.80	3.20	4.80
16	1.60	1.20	.40	.80	1.20	1.60	1.20	.80	1.20	1.60
17	.80	1.20	2.00	.80	1.20	.80	1.20	.80	1.60	2.40
18	1.20	.40	.40	1.60	.80	1.60	.80	1.60	1.20	.80
19	1.20	1.60	.40	.00	.80	.80	1.60	1.20	1.60	1.20
20	2.00	.40	1.60	1.60	.40	.00	.00	.40	.40	1.20
21	.40	2.40	1.20	1.60	2.00	1.60	.80	.80	.40	.80
22	.00	.00	1.20	.80	.80	1.60	1.60	1.60	1.20	1.20
23	1.60	1.60	1.20	1.20	1.60	1.20	2.00	1.60	1.60	1.20
24	.80	.40	.40	.80	1.20	.80	.80	1.20	1.60	.80
25	.40	.80	.80	.80	.80	1.60	1.60	1.60	2.00	1.60
26	.40	.40	.40	.00	.00	.00	.00	.00	.00	1.60
27	.80	.40	.80	1.20	1.20	.80	.80	.40	.40	.40
28	.00	.40	.00	.00	.00	.40	.40	.00	.00	.00
29	1.20	.80	.80	.00	.00	.00	.00	.40	.40	.00
30	.40	.40	.80	1.20	1.20	.80	.80	.80	.80	.80
31	.40	.80	.80	.40	.00	.40	.40	.00	.00	.40
32	.00	.00	.00	.40	.80	.80	.80	1.20	.00	.00
33	.40	.00	.00	.00	.00	.00	.00	.00	.80	.40
34	.00	.40	.40	.40	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.40	.40	.40	.40	.40	.40
36	.00	.00	.00	.00	.00	.00	.00	.00	.00	.40
37	.40	.40	.40	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.40	.40	.40	.40	.40	.40	.40
39	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
42	.40	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.40	.40	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.40	.40	.40	.40	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.40	.40	.40
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	41.60	50.80	54.80	56.80	58.40	63.60	77.20	95.20	100.80	100.80

BASAL AREA PER ACRE IN SQ. FT.

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	.32	.80	.49	.29	.23	.50	1.38	1.93	1.04	.00
5	.77	.78	1.50	1.02	.74	.79	.93	2.15	2.69	.00
6	.74	.86	.88	1.89	1.62	1.23	1.17	1.42	3.55	4.21
7	1.08	.83	.76	1.08	1.50	1.61	1.65	1.47	.96	5.70
8	1.11	1.43	.67	.70	1.60	2.42	2.26	2.46	2.69	4.73
9	1.44	1.61	2.30	1.11	.89	1.09	1.76	1.60	2.36	1.97
10	.00	1.34	1.34	2.59	2.28	.64	1.28	2.37	2.22	2.82
11	1.08	.26	2.38	1.64	2.12	2.07	1.94	.80	1.84	2.59
12	.34	.96	.60	2.78	2.22	3.33	3.46	3.80	2.22	3.17
13	.36	.74	.36	.72	3.30	3.73	2.63	2.59	3.27	2.60
14	1.25	1.30	2.15	.90	.46	2.13	3.83	3.87	3.95	2.98
15	.48	.50	1.02	1.94	1.49	.48	.96	3.35	3.93	5.93
16	2.24	1.75	.58	1.12	1.66	2.28	1.73	1.17	1.65	2.23
17	1.27	1.92	3.24	1.31	1.94	1.23	1.92	1.25	2.54	3.80
18	2.17	.71	.73	2.84	1.45	2.83	1.37	2.82	2.14	1.39
19	2.35	3.21	.81	.00	1.54	1.54	3.12	2.35	3.21	2.33
20	4.50	.84	3.44	3.57	.90	.00	.00	.84	.88	2.63
21	.93	5.69	2.87	3.89	4.89	3.90	1.94	1.97	.99	1.96
22	.00	.00	3.09	2.13	2.07	4.22	4.15	4.22	3.16	3.22
23	4.57	4.67	3.53	3.48	4.60	3.51	5.78	4.71	4.62	3.55
24	2.59	1.31	1.25	2.50	3.80	2.47	2.51	3.81	5.05	2.47
25	1.34	2.74	2.72	2.75	2.78	5.46	5.53	5.58	7.02	5.43
26	1.47	1.50	1.47	.00	.00	.00	.00	.00	.00	5.75
27	3.20	1.60	3.15	4.70	4.78	3.19	3.20	1.58	1.59	1.59
28	.00	1.71	.00	.00	.00	1.70	1.75	.00	.00	.00
29	5.61	3.75	3.67	.00	.00	.00	.00	1.83	1.86	.00
30	2.00	1.91	3.89	5.84	5.96	3.97	3.98	3.98	3.98	3.98
31	2.12	4.19	4.26	2.16	.00	2.07	2.14	.00	.00	2.06
32	.00	.00	.00	2.18	4.41	4.45	4.47	6.73	.00	.00
33	2.43	.00	.00	.00	.00	.00	.00	.00	4.74	2.42
34	.00	2.49	2.54	2.60	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	2.66	2.66	2.67	2.67	2.72	2.72
36	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.76
37	3.05	3.07	3.07	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	3.08	3.12	3.12	3.12	3.12	3.13	3.18
39	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
42	3.92	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	4.00	4.09	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	4.17	4.22	4.28	4.28	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	4.34	4.34	4.38
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	54.75	58.46	62.85	64.99	69.25	72.91	76.91	80.76	84.35	94.56

TABLE 2.10:

SUMMARY FOR PLOT NO. 61 SUBPLOT NO. 10 AREA: 2.50 ACRES

STEM COUNT PER ACRE

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	11.60	10.80	10.00	8.20	3.20	4.40	5.20	16.80	3.60	.00
5	11.60	10.40	12.00	10.80	6.80	5.60	6.80	7.20	18.40	.00
6	6.40	10.00	10.00	13.60	12.40	7.60	5.20	7.20	10.80	15.20
7	4.00	5.60	8.00	7.60	10.00	12.40	12.00	6.00	4.80	14.40
8	8.80	4.80	5.20	7.60	7.60	8.00	10.40	13.60	10.80	12.40
9	4.00	8.40	4.40	3.60	5.20	8.00	7.60	7.20	10.80	8.80
10	2.40	3.60	7.20	6.00	5.20	4.40	6.00	8.00	5.60	6.40
11	.80	2.00	5.60	7.20	6.00	5.20	4.80	4.00	7.60	10.00
12	.00	.80	1.20	4.40	6.40	4.80	5.60	6.00	2.40	6.40
13	.40	.40	.80	2.00	3.60	5.60	5.60	4.00	8.40	3.20
14	.00	.00	.80	.80	2.40	5.20	3.20	6.00	1.60	5.60
15	.80	.40	.00	.40	.40	.40	4.00	4.00	5.20	4.40
16	.80	.80	.40	.40	.40	.80	.00	2.00	4.40	3.60
17	.00	.40	.80	.40	.80	.80	1.20	.80	1.20	4.00
18	.40	.40	.80	.40	.40	.00	.40	.80	.80	1.20
19	.40	.40	.00	.80	.40	.80	.80	.40	.40	.80
20	1.60	.80	.80	.80	1.20	.80	.40	.40	.80	1.20
21	1.20	1.20	1.60	.80	.00	.40	.40	.40	.40	.40
22	1.20	2.00	.00	.40	1.20	1.20	1.20	1.20	.80	.80
23	.40	.40	1.60	1.60	.80	.40	.80	.80	1.20	.00
24	.40	.40	.40	.40	1.20	1.20	1.20	1.20	.80	1.60
25	.00	.00	.80	.80	.80	.80	.40	.00	.40	.80
26	2.40	1.60	.40	.00	.00	.40	.40	.80	.80	.40
27	2.40	2.80	4.00	3.60	2.80	2.40	2.40	2.00	1.60	1.60
28	.40	.40	.40	1.20	1.60	2.00	1.60	1.60	1.20	1.20
29	.80	1.20	1.20	.80	.40	.00	.40	.80	1.20	1.20
30	.40	.40	.00	.40	.80	.80	.80	.80	.40	.40
31	.40	.40	.40	.40	.40	.00	.00	.00	.40	.80
32	.40	.40	.80	.40	.40	.80	.80	.80	.80	.00
33	.40	.40	.40	.40	.40	.40	.00	.00	.00	.80
34	.00	.00	.00	.40	.40	.40	.80	.80	.40	.00
35	.00	.00	.00	.00	.00	.00	.00	.00	.40	.80
36	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	64.80	71.60	80.00	81.60	83.60	86.00	90.40	105.60	108.40	108.40

BASAL AREA PER ACRE IN SQ. FT.

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	1.07	.98	.92	.29	.29	.41	.44	1.56	.34	.00
5	1.64	1.47	1.66	1.48	.96	.78	.91	1.00	2.50	.00
6	1.29	1.93	1.97	2.72	2.56	1.59	1.00	1.36	2.13	3.25
7	1.09	1.50	2.18	1.96	2.69	3.39	3.32	1.67	1.30	3.85
8	3.10	1.75	1.89	2.67	2.68	2.76	3.61	4.77	3.81	4.41
9	1.73	3.76	2.06	1.58	2.28	3.57	3.41	3.13	4.85	3.96
10	1.27	1.94	4.06	3.27	2.82	2.39	3.25	4.37	3.14	3.48
11	.52	1.29	3.73	4.87	4.04	3.47	3.24	2.60	4.96	6.66
12	.00	.63	.96	3.51	5.14	3.77	4.46	4.82	1.90	5.02
13	.37	.39	.73	1.84	3.39	5.08	5.34	3.59	7.80	3.06
14	.00	.00	.82	.86	2.55	5.70	3.39	6.50	1.75	5.88
15	.99	.52	.00	.47	.49	.48	4.86	4.96	6.29	5.46
16	1.18	1.18	.57	.59	.53	1.14	.00	2.72	6.10	5.09
17	.00	.62	1.27	.61	1.24	1.28	1.85	1.26	1.84	6.26
18	.70	.72	1.45	.69	.72	.00	.69	1.41	1.41	2.08
19	.79	.81	.00	1.57	.80	1.57	1.60	.80	.78	1.54
20	3.51	1.75	1.69	1.72	2.62	1.77	.86	.85	1.68	2.64
21	2.88	2.86	3.88	2.00	.00	.97	.93	.93	.95	1.00
22	3.19	5.33	.00	1.03	3.14	3.21	3.16	3.25	2.15	2.17
23	1.15	1.19	4.52	4.67	2.37	1.17	2.32	2.37	3.56	.00
24	1.30	1.31	1.24	1.27	3.77	3.73	3.77	3.83	2.56	5.02
25	.00	.00	2.68	2.72	2.76	2.72	1.37	.00	1.32	2.72
26	9.01	6.06	1.49	.00	.00	1.43	1.44	2.95	3.00	1.50
27	9.58	11.17	16.04	14.40	11.24	9.67	9.70	8.08	6.46	6.44
28	1.76	1.66	1.67	5.06	6.85	8.65	6.95	6.92	5.19	5.19
29	3.66	5.52	5.63	3.80	1.90	.00	1.78	3.62	5.44	5.53
30	1.96	2.00	.00	1.92	3.90	3.99	4.01	4.06	2.03	1.91
31	2.14	2.16	2.06	2.08	2.14	.00	.00	.00	2.04	4.19
32	2.23	2.28	4.51	2.22	2.23	4.44	4.45	4.48	4.55	.00
33	2.35	2.35	2.40	2.35	2.39	2.43	.00	.00	.00	4.71

34	.00	.00	.00	2.46	2.51	2.55	5.03	5.07	2.54	.00
35	.00	.00	.00	.00	.00	.00	.00	.00	2.64	5.28
36	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	60.45	65.14	72.06	76.66	81.01	84.11	87.16	92.94	97.02	108.31

TABLE 2.11:

SUMMARY FOR PLOT NO. 61 SUBPLOT NO. 11 AREA: 2.35 ACRES

STEM COUNT PER ACRE

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	.85	1.70	2.98	.85	.43	1.28	2.55	6.81	2.55	.00
5	2.13	.43	1.70	.43	.85	.43	1.28	2.55	6.81	.00
6	2.55	1.70	1.28	3.40	1.28	1.28	.85	.85	1.70	5.53
7	.43	3.40	1.28	1.28	2.98	1.28	1.28	.85	1.28	3.40
8	1.70	1.28	2.98	1.28	1.28	2.55	2.13	1.28	1.28	2.13
9	.43	.43	1.70	3.40	2.55	2.13	2.98	2.55	2.13	2.13
10	.43	.85	.00	1.28	2.13	2.13	2.13	1.70	1.70	2.55
11	1.28	.00	.85	.00	.43	1.70	1.28	1.28	1.28	1.70
12	.43	1.70	1.70	1.70	1.28	.85	1.28	.43	1.28	1.28
13	2.13	1.28	.85	.85	1.28	1.70	1.70	1.28	.85	.85
14	2.13	2.13	1.70	1.28	1.28	.85	.85	.43	.85	1.28
15	1.70	2.13	1.28	2.55	1.70	2.55	2.55	2.13	1.28	.85
16	1.28	.85	2.13	.85	1.70	1.28	.85	2.13	3.40	1.70
17	2.13	2.13	1.28	1.70	1.28	.85	1.70	.85	.43	2.98
18	3.40	2.55	3.83	2.98	1.70	.85	.43	.85	1.28	1.28
19	3.40	4.26	2.98	2.98	2.98	3.83	2.98	2.55	1.28	.85
20	2.98	2.55	3.83	3.83	3.83	3.83	4.68	4.26	3.40	1.70
21	.85	2.13	1.28	2.55	3.40	2.98	2.98	2.98	4.26	4.68
22	2.13	1.70	2.55	2.13	2.13	2.55	2.98	2.98	3.83	3.40
23	.85	1.28	1.70	1.70	2.55	2.13	1.28	2.13	2.13	3.40
24	2.13	1.70	1.28	1.28	1.28	2.13	2.98	3.40	1.70	1.70
25	1.28	1.70	1.70	2.13	1.70	1.70	.85	.43	2.13	3.40
26	.85	.85	.85	.85	1.28	1.70	2.13	2.55	2.13	1.28
27	.85	.85	.85	.85	.43	.43	.43	.00	.43	1.28
28	.43	.00	.43	.85	1.28	1.28	.85	.85	.85	.85
29	.85	1.28	.85	.85	.85	.85	1.28	1.28	.85	.00
30	.00	.00	.43	.43	.43	.43	.43	.43	.43	1.28
31	.43	.43	.43	.43	.43	.43	.43	.43	.85	.85
32	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
41	.43	.43	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.43	.43	.43	.43	.43	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.43	.43	.43
44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	40.43	41.70	45.11	45.11	45.11	46.38	48.51	50.64	52.77	52.77

BASAL AREA PER ACRE IN SQ. FT.

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	.07	.16	.27	.09	.04	.11	.21	.62	.24	.00
5	.31	.06	.23	.06	.13	.06	.17	.35	.94	.00
6	.54	.33	.26	.65	.25	.26	.17	.17	.34	1.17
7	.11	.96	.36	.34	.80	.34	.33	.22	.34	.87
8	.61	.49	1.08	.48	.50	.87	.75	.45	.42	.77
9	.18	.20	.74	1.49	1.17	.92	1.30	1.12	.94	.89
10	.21	.47	.00	.71	1.17	1.18	1.17	.97	.92	1.38
11	.87	.00	.54	.00	.28	1.10	.82	.88	.84	1.10
12	.31	1.29	1.34	1.35	1.03	.67	.95	.36	.99	1.00
13	1.93	1.23	.80	.77	1.15	1.55	1.55	1.19	.83	.77

14	2.35	2.31	1.87	1.35	1.40	.92	.93	.45	.86	1.36
15	2.03	2.69	1.49	3.16	2.08	3.16	3.20	2.66	1.60	1.05
16	1.82	1.20	2.96	1.22	2.34	1.82	1.19	2.96	4.83	2.39
17	3.35	3.43	2.03	2.68	2.04	1.33	2.66	1.37	.71	4.59
18	6.06	4.56	6.89	5.39	3.04	1.53	.77	1.45	2.24	2.30
19	6.59	8.43	6.01	5.93	5.83	7.61	5.91	5.13	2.62	1.73
20	6.59	5.55	8.40	8.47	8.37	8.39	10.29	9.48	7.61	3.74
21	1.98	5.14	3.08	6.21	8.17	7.14	7.20	7.11	10.10	11.23
22	5.58	4.51	6.75	5.72	5.66	6.70	7.89	7.86	10.27	9.00
23	2.47	3.69	4.94	4.88	7.48	6.23	3.72	6.06	6.20	9.82
24	6.65	5.41	4.13	4.00	4.41	6.57	9.29	10.90	5.53	5.34
25	4.32	5.79	5.81	7.24	5.86	5.84	2.92	1.45	7.08	11.80
26	3.14	3.21	3.14	3.09	4.67	6.29	7.86	9.51	7.95	4.80
27	3.41	3.46	3.41	3.38	1.68	1.73	1.74	.00	1.65	5.01
28	1.87	.00	1.78	3.57	5.39	5.47	3.64	3.57	3.57	3.64
29	3.89	5.82	3.81	3.85	3.86	3.89	5.84	5.88	3.97	.00
30	.00	.00	2.05	2.06	2.09	2.12	2.12	2.12	2.05	6.22
31	2.19	2.20	2.20	2.23	2.24	2.27	2.29	2.29	4.48	4.53
32	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
33	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
34	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
41	3.94	3.98	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	4.04	4.07	4.11	4.11	4.13	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	4.21	4.23	4.21
44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	73.35	76.59	80.41	84.46	86.86	90.07	91.01	90.79	94.26	100.73

TABLE 2.12:

SUMMARY FOR PLOT NO. 61 SUBPLOT NO. 12 AREA: 2.50 ACRES

STEM COUNT PER ACRE

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	2.40	1.60	2.00	1.20	.40	1.20	2.40	4.40	.40	.00
5	4.00	2.80	3.20	1.60	1.60	1.20	1.20	1.60	4.40	.00
6	1.60	3.60	2.00	4.00	3.20	2.00	1.60	1.60	2.80	3.60
7	.80	1.60	2.00	2.00	3.20	4.00	4.40	3.20	1.60	3.20
8	.80	.80	3.60	2.40	1.20	1.60	1.60	3.20	4.00	3.60
9	.40	.40	.00	2.00	2.80	2.40	3.20	1.20	1.60	3.60
10	1.20	.40	.80	.80	1.20	1.60	.40	2.80	2.00	1.60
11	.80	1.60	.40	.40	.80	1.60	2.00	.40	1.20	1.60
12	2.80	2.00	2.80	1.20	1.60	1.60	2.40	3.20	2.80	1.60
13	1.60	1.60	1.20	2.80	2.00	1.20	1.20	1.20	.80	2.00
14	1.20	2.00	2.00	.40	.80	1.20	.80	.80	2.00	2.00
15	3.60	2.00	2.40	2.80	2.40	1.60	1.60	1.20	.80	.80
16	2.40	3.20	2.40	2.00	2.40	2.40	2.40	2.80	2.40	1.60
17	1.60	2.40	2.80	3.60	2.40	2.80	2.00	2.40	1.60	2.40
18	.40	.40	.80	1.20	2.00	2.40	3.20	2.40	3.60	2.40
19	.40	.00	.40	.80	1.60	1.20	1.20	2.40	1.60	2.40
20	2.80	2.00	1.20	.80	.40	.80	.80	.80	1.20	1.60
21	.80	2.00	2.40	2.00	1.20	1.20	1.20	1.20	.80	1.20
22	2.40	1.60	.80	1.20	2.00	1.60	2.00	.80	1.20	.40
23	2.00	2.40	3.20	3.20	3.60	3.20	3.20	3.60	3.20	3.20
24	.40	.80	1.20	.80	.80	.80	.80	1.60	1.60	1.60
25	1.20	.40	.00	.80	.80	1.60	1.60	.80	1.20	2.00
26	1.60	2.00	1.60	1.20	1.20	.80	.80	.80	.80	.40
27	.00	.40	1.20	1.60	1.20	.80	.80	.80	.80	1.20
28	1.60	.80	.00	.00	.40	.80	.80	1.60	1.60	1.20
29	.40	1.20	1.60	1.60	1.20	1.20	.80	.40	.00	.40
30	.40	.40	.40	.40	.80	.80	1.20	1.20	1.20	.80
31	.80	.80	.80	.40	.40	.00	.00	.40	.80	1.20
32	.40	.40	.40	.80	.80	.80	.80	.80	.40	.40
33	.00	.00	.40	.40	.40	.80	.40	.40	.80	.40
34	.00	.00	.00	.00	.00	.00	.40	.40	.40	.80
35	.40	.40	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.40	.40	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.40	.40	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.40	.40	.40	.00
39	.00	.00	.00	.00	.00	.00	.00	.00	.00	.40
40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	41.20	42.00	44.40	44.80	45.20	45.60	47.60	50.80	50.00	49.60

BASAL AREA PER ACRE IN SQ. FT.

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	.22	.14	.18	.12	.04	.10	.20	.41	.04	.00
5	.55	.38	.45	.21	.22	.18	.17	.22	.59	.00
6	.32	.74	.39	.77	.64	.39	.31	.30	.57	.75
7	.22	.45	.50	.54	.86	1.06	1.20	.87	.47	.88
8	.28	.30	1.26	.90	.45	.57	.55	1.10	1.39	1.29
9	.17	.19	.00	.89	1.24	1.06	1.46	.54	.69	1.57
10	.65	.22	.44	.47	.66	.90	.22	1.52	1.10	.91
11	.53	1.08	.27	.28	.50	1.07	1.38	.28	.79	1.03
12	2.21	1.60	2.24	.97	1.27	1.30	1.92	2.59	2.32	1.31
13	1.48	1.47	1.08	2.57	1.86	1.12	1.16	1.10	.73	1.80
14	1.26	2.13	2.19	.46	.82	1.30	.89	.82	2.08	2.13
15	4.45	2.51	3.03	3.43	2.99	2.05	2.04	1.47	.98	1.00
16	3.39	4.51	3.44	2.76	3.34	3.32	3.35	3.89	3.40	2.27
17	2.49	3.79	4.45	5.73	3.84	4.49	3.18	3.85	2.55	3.78
18	.71	.73	1.41	2.15	3.39	4.24	5.65	4.27	6.47	4.34
19	.81	.00	.75	1.53	3.11	2.40	2.35	4.75	3.23	4.68
20	6.16	4.44	2.70	1.82	.92	1.79	1.77	1.81	2.62	3.49
21	1.92	4.77	5.80	4.88	2.85	2.90	2.85	2.96	1.90	2.92
22	6.39	4.34	2.12	3.17	5.26	4.27	5.38	2.15	3.16	1.09
23	5.74	6.88	9.19	9.28	10.49	9.36	9.50	10.49	9.36	9.49
24	1.25	2.49	3.80	2.55	2.61	2.46	2.50	5.04	5.08	5.01
25	4.17	1.41	.00	2.65	2.69	5.44	5.53	2.73	4.11	7.00
26	5.87	7.30	5.83	4.44	4.48	3.03	3.05	2.87	2.96	1.52
27	.00	1.57	4.71	6.35	4.82	3.24	3.26	3.09	3.13	4.77
28	6.96	3.53	.00	.00	1.66	3.35	3.48	6.77	6.90	5.28
29	1.82	5.43	7.23	7.36	5.57	5.66	3.80	1.90	.00	1.81
30	1.91	1.98	1.91	1.96	3.93	3.97	5.92	5.85	5.86	3.90
31	4.23	4.29	4.22	2.11	2.16	.00	.00	2.04	4.14	6.34
32	2.26	2.30	2.19	4.43	4.43	4.44	4.47	4.52	2.25	2.26
33	.00	.00	2.35	2.39	2.45	4.77	2.35	2.40	4.77	2.42
34	.00	.00	.00	.00	.00	.00	2.48	2.49	2.55	5.12
35	2.66	2.73	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	2.83	2.91	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	2.99	3.04	.00	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	3.10	3.15	3.22	.00
39	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.37
40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	71.12	73.68	76.96	80.07	82.56	83.26	85.37	88.25	89.41	93.54

TABLE 2.13:

SUMMARY FOR PLOT NO. 61 SUBPLOT NO. 13 AREA: 2.50 ACRES

STEM COUNT PER ACRE

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	9.20	11.20	6.80	6.40	5.20	4.40	4.80	1.60	.40	.00
5	9.60	9.60	11.20	9.60	8.80	8.80	8.80	8.00	5.60	.40
6	8.80	8.00	10.80	10.00	9.60	8.00	7.60	8.80	10.40	10.00
7	3.60	6.80	5.60	9.60	10.80	11.60	6.80	6.40	7.20	10.80
8	4.00	3.60	6.80	4.00	4.80	6.00	12.00	12.00	7.20	4.40
9	2.80	3.60	3.20	6.00	5.60	4.80	3.20	5.20	10.00	6.00
10	.00	1.60	2.00	2.80	4.80	6.00	7.60	5.20	4.40	10.00
11	.80	.40	2.40	2.40	3.60	4.40	3.60	4.80	5.20	4.00
12	.00	.40	.00	1.60	.80	2.00	4.00	4.80	4.40	5.20
13	.40	.00	.40	.00	.80	1.20	.80	2.00	3.20	4.00
14	.80	.80	.80	1.20	.40	.40	.80	.40	1.20	2.80
15	2.00	2.00	1.20	.80	1.60	.80	.80	1.60	1.20	1.60
16	1.60	1.20	1.20	1.20	1.20	1.60	2.00	1.20	1.60	1.20
17	1.60	2.00	1.20	.00	.00	.00	.00	.80	1.20	1.60
18	2.40	2.80	1.20	2.00	1.20	.00	.00	.00	.00	.40
19	.40	.40	3.20	3.20	2.40	2.80	2.80	2.00	1.20	.80
20	1.20	.00	.40	.80	2.40	2.00	1.60	1.60	2.00	1.60
21	.80	1.60	.40	.40	.00	1.20	1.60	2.00	2.40	.80
22	1.20	1.20	2.00	1.60	1.20	1.20	.40	.80	.80	2.80
23	.40	.40	.80	1.20	1.20	.40	.80	.40	.40	.80
24	1.60	2.00	1.20	.40	1.20	1.20	1.20	1.20	.80	.40
25	2.00	1.20	.80	1.20	1.20	2.00	1.20	1.60	1.60	1.20
26	.00	.80	2.00	2.00	1.20	.80	1.60	.80	1.20	1.60
27	.80	.80	.40	.00	.80	1.20	.40	.80	.80	.80
28	1.20	1.20	1.20	1.20	1.20	1.20	2.00	1.20	.80	.80
29	1.60	1.60	.80	.80	.40	.40	.00	.80	1.20	1.20
30	.40	.40	1.60	2.00	2.40	1.60	1.60	.80	.40	.80
31	.80	.40	.40	.40	.40	1.20	.80	1.20	1.20	1.20
32	.40	.80	.00	.00	.00	.00	.40	.80	1.20	1.20
33	.40	.40	.80	.80	.80	.40	.40	.00	.00	.00

34	.80	.40	.80	.80	.40	.80	.40	.40	.40	.40
35	.00	.40	.40	.40	.80	.80	.80	1.20	.80	.40
36	.00	.00	.00	.00	.00	.00	.40	.40	.80	.80
37	.00	.00	.00	.00	.00	.00	.00	.00	.00	.40
38	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	61.60	68.00	72.00	74.80	77.20	79.20	81.20	80.80	81.20	80.40

BASAL AREA PER ACRE IN SQ. FT.

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	.77	1.08	.64	.61	.50	.42	.45	.17	.03	.00
5	1.31	1.33	1.53	1.34	1.25	1.23	1.28	1.14	.83	.05
6	1.72	1.56	2.18	2.00	1.95	1.63	1.54	1.72	2.05	2.08
7	.95	1.79	1.46	2.61	2.94	3.22	1.87	1.70	1.90	2.91
8	1.38	1.26	2.40	1.44	1.73	2.08	4.10	4.33	2.63	1.56
9	1.24	1.59	1.46	2.69	2.56	2.17	1.43	2.29	4.47	2.62
10	.00	.84	1.10	1.49	2.65	3.25	4.16	2.93	2.46	5.48
11	.54	.28	1.55	1.56	2.42	2.92	2.43	3.16	3.50	2.69
12	.00	.32	.00	1.22	.63	1.54	3.11	3.79	3.47	4.13
13	.39	.00	.38	.00	.70	1.16	.74	1.86	2.92	3.69
14	.82	.83	.87	1.33	.45	.46	.88	.45	1.25	2.98
15	2.46	2.52	1.52	1.02	1.96	1.00	.96	1.96	1.46	1.93
16	2.27	1.66	1.67	1.72	1.74	2.23	2.81	1.68	2.20	1.66
17	2.53	3.21	1.91	.00	.00	.00	.00	1.22	1.89	2.51
18	4.20	5.13	2.11	3.55	2.16	.00	.00	.00	.00	.71
19	.75	.76	6.26	6.39	4.72	5.46	5.61	4.05	2.45	1.63
20	2.72	.00	.86	1.74	5.25	4.35	3.54	3.50	4.38	3.55
21	2.00	3.89	.97	1.01	.00	2.80	3.80	4.79	5.89	1.87
22	3.19	3.22	5.28	4.32	3.18	3.19	1.09	2.12	2.18	7.38
23	1.19	1.12	2.33	3.50	3.51	1.17	2.31	1.13	1.16	2.34
24	4.97	6.28	3.78	1.27	3.80	3.68	3.76	3.78	2.51	1.25
25	6.96	4.24	2.65	4.09	4.13	6.84	4.09	5.47	5.45	4.12
26	.00	2.90	7.37	7.51	4.47	2.97	5.89	2.93	4.40	5.90
27	3.19	3.24	1.64	.00	3.16	4.85	1.61	3.17	3.21	3.12
28	5.12	5.22	5.17	5.07	5.12	5.16	8.55	5.14	3.42	3.43
29	7.38	7.52	3.71	3.66	1.80	1.81	.00	3.57	5.43	5.47
30	1.92	1.95	7.76	9.78	11.89	7.93	8.00	4.01	1.98	3.98
31	4.21	2.07	2.10	2.12	2.16	6.32	4.23	6.25	6.20	6.30
32	2.26	4.54	.00	.00	.00	.00	2.21	4.40	6.65	6.79
33	2.35	2.42	4.69	4.81	4.87	2.45	2.45	.00	.00	.00
34	5.06	2.49	5.01	5.13	2.58	5.13	2.58	2.46	2.48	2.49
35	.00	2.63	2.69	2.69	5.33	5.44	5.31	8.02	5.35	2.66
36	.00	.00	.00	.00	.00	.00	2.78	2.84	5.67	5.59
37	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.04
38	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
39	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	73.87	77.88	83.04	85.68	89.62	92.88	93.60	96.04	99.86	105.92

TABLE 2.14:

SUMMARY FOR PLOT NO. 61 SUBPLOT NO. 14 AREA: 2.50 ACRES

STEM COUNT PER ACRE

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	3.20	4.00	1.20	2.80	2.00	5.20	8.80	16.40	6.80	.00
5	6.00	5.20	5.20	2.40	2.80	4.00	5.20	10.00	17.60	.00
6	3.60	6.80	6.40	5.20	4.80	2.40	3.20	4.00	8.40	16.80
7	1.60	1.20	4.80	5.60	6.00	7.60	6.00	3.20	3.20	14.40
8	1.20	1.60	1.20	4.00	4.00	3.60	4.40	6.40	6.00	6.00
9	.40	.80	.80	.80	3.20	3.60	4.40	2.80	3.20	6.80
10	1.20	.40	1.20	2.40	1.20	1.60	2.40	3.60	5.20	2.00
11	.00	.80	.80	.00	1.20	1.60	2.00	1.60	2.40	5.20
12	.00	.00	.40	.80	.00	.80	1.20	2.00	1.20	1.60
13	.40	.40	.40	.80	1.60	.00	.00	.80	1.20	1.20

14	.40	.00	.00	.00	.00	1.20	1.20	.00	.40	1.60
15	1.20	.80	.00	.00	.00	.00	.00	.80	.00	.00
16	.80	.80	1.20	.80	.00	.00	.00	.00	.80	.40
17	1.20	1.60	.00	.40	1.20	.80	.40	.00	.00	.40
18	.40	.80	2.40	.40	.00	.40	.80	.80	.80	.00
19	1.20	1.20	1.20	2.00	.80	.00	.00	.40	.40	1.20
20	.80	.80	.80	1.60	2.80	1.60	1.60	.80	.80	.40
21	1.20	.80	1.20	1.20	1.60	3.60	3.60	1.20	.80	.80
22	.40	.80	.40	.40	.00	.00	.00	2.40	2.40	1.20
23	.40	.80	.80	.40	.40	.40	.00	.00	.40	1.60
24	.00	.00	.40	1.20	1.60	1.20	.80	.40	.00	.40
25	.80	.40	.00	.00	.00	.40	1.20	.80	.80	.00
26	.80	.80	1.20	.80	.80	.40	.40	.80	1.20	1.60
27	.00	.40	.40	.40	.40	.80	.80	.40	.40	.80
28	1.20	1.20	.80	1.20	1.20	.40	.40	.40	.40	.40
29	1.20	.80	.40	.40	.00	.80	.80	1.20	.80	.40
30	.40	.40	1.20	1.20	.80	.80	.80	.40	.40	.00
31	.40	.80	.80	.80	1.60	1.20	1.20	1.20	1.20	1.20
32	.00	.00	.00	.00	.00	.40	.40	.80	1.20	1.60
33	.40	.40	.00	.00	.00	.00	.00	.00	.00	.00
34	.40	.40	.40	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.40	.80	.80	.80	.80	.40	.40	.40
36	1.20	.80	.80	.80	.40	.40	.00	.00	.00	.00
37	.40	.80	.80	.80	.80	.80	.80	.80	.40	.40
38	.00	.00	.00	.00	.40	.40	.40	.40	.40	.40
39	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	32.80	36.80	38.00	40.40	42.40	47.20	54.00	65.20	69.60	69.20

BASAL AREA PER ACRE IN SQ. FT.

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	.30	.35	.11	.26	.18	.45	.78	1.52	.65	.00
5	.84	.73	.71	.37	.35	.55	.68	1.36	2.43	.00
6	.69	1.36	1.33	1.04	1.00	.50	.63	.81	1.62	3.53
7	.43	.32	1.28	1.45	1.59	2.11	1.67	.91	.83	3.92
8	.42	.57	.43	1.39	1.39	1.27	1.49	2.27	2.15	2.07
9	.17	.33	.35	.33	1.43	1.59	1.94	1.29	1.42	3.01
10	.70	.21	.60	1.32	.68	.88	1.30	1.95	2.87	1.17
11	.00	.53	.55	.00	.79	1.04	1.34	1.02	1.62	3.41
12	.00	.00	.30	.67	.00	.61	.97	1.58	1.02	1.25
13	.39	.39	.39	.76	1.53	.00	.00	.74	1.11	1.16
14	.45	.00	.00	.00	.00	1.26	1.31	.00	.41	1.68
15	1.51	.98	.00	.00	.00	.00	.00	.99	.00	.00
16	1.16	1.15	1.65	1.15	.00	.00	.00	.00	1.08	.59
17	1.93	2.60	.00	.62	1.87	1.30	.66	.00	.00	.61
18	.74	1.41	4.26	.73	.00	.68	1.37	1.39	1.45	.00
19	2.34	2.36	2.44	3.91	1.59	.00	.00	.76	.78	2.31
20	1.77	1.76	1.75	3.46	6.08	3.43	3.53	1.75	1.76	.87
21	2.90	1.92	2.92	2.91	3.90	8.64	8.80	2.86	1.95	1.92
22	1.10	2.08	1.10	1.07	.00	.00	.00	6.15	6.30	3.15
23	1.18	2.35	2.33	1.17	1.11	1.17	.00	.00	1.14	4.59
24	.00	.00	1.22	3.68	5.04	3.89	2.49	1.23	.00	1.25
25	2.79	1.42	.00	.00	.00	1.33	4.07	2.75	2.71	.00
26	2.94	2.89	4.41	2.96	2.98	1.46	1.46	2.89	4.38	5.82
27	.00	1.57	1.63	1.54	1.59	3.17	3.18	1.59	1.61	3.19
28	5.12	5.21	3.46	5.19	5.28	1.77	1.77	1.66	1.67	1.70
29	5.50	3.76	1.81	1.86	.00	3.58	3.61	5.45	3.63	1.87
30	2.03	1.91	5.86	6.01	3.93	3.99	3.99	2.00	1.91	.00
31	2.15	4.22	4.25	4.26	8.43	6.32	6.37	6.29	6.20	6.24
32	.00	.00	.00	.00	.00	2.18	2.18	4.37	6.60	8.89
33	2.38	2.43	.00	.00	.00	.00	.00	.00	.00	.00
34	2.54	2.58	2.60	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	2.64	5.31	5.33	5.35	5.35	2.75	2.75	2.75
36	8.59	5.75	5.77	5.78	2.89	2.89	.00	.00	.00	.00
37	3.00	5.93	5.99	6.04	5.94	5.96	5.96	5.97	2.95	2.95
38	.00	.00	.00	.00	3.08	3.13	3.13	3.17	3.18	3.23
39	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	56.05	59.07	62.15	65.26	68.00	70.50	70.04	67.48	68.21	73.15

TABLE 2.15:

SUMMARY FOR PLOT NO: 61 SUBPLOT NO: 16 AREA: 2.50 ACRES

STEM COUNT PER ACRE

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	7.20	6.80	7.60	5.20	6.00	8.00	9.60	9.60	2.40	.00
5	8.40	9.60	7.60	9.60	8.00	8.40	9.60	12.00	10.80	.00
6	2.80	6.40	8.40	9.20	9.60	8.00	6.80	8.40	14.00	12.00
7	.80	.80	3.60	4.80	4.80	9.20	11.20	7.60	4.80	13.60
8	1.20	.80	2.40	2.80	4.40	3.20	3.60	6.40	10.40	9.60
9	1.60	2.40	.40	2.00	2.80	3.20	3.60	4.40	4.40	6.80
10	1.20	.80	2.00	1.20	2.80	2.80	3.60	2.80	3.60	4.40
11	.80	.80	1.60	2.00	1.20	2.00	2.80	2.40	3.20	5.20
12	.40	.80	.40	1.20	2.00	1.20	1.20	3.60	1.20	1.60
13	1.60	.80	.80	.00	.00	1.20	1.60	.40	2.80	1.60
14	2.40	2.40	2.00	2.80	2.40	1.60	1.60	2.80	2.00	3.60
15	.80	1.60	1.60	.80	.80	1.20	.80	.80	1.60	1.60
16	1.60	.40	.80	1.20	1.20	1.20	1.20	1.20	.80	1.60
17	.80	1.60	1.60	1.60	.80	.80	.80	.80	1.60	.80
18	.40	.80	1.20	.40	1.60	1.20	1.20	1.20	.80	.80
19	2.80	2.00	1.20	2.40	1.60	1.20	1.60	1.20	1.60	1.60
20	1.60	2.00	2.80	2.40	2.80	3.60	2.80	2.00	1.20	.80
21	.40	.80	.80	1.20	1.20	.40	1.20	2.40	2.40	2.40
22	2.80	2.40	1.20	.80	1.20	2.00	1.60	1.60	2.00	2.40
23	.80	.80	2.00	2.00	1.20	.40	.80	.40	.80	1.60
24	2.00	2.00	2.00	2.00	2.00	2.80	2.40	2.00	2.00	.80
25	1.20	1.20	1.20	1.60	1.60	1.20	1.20	.80	.40	1.20
26	1.20	1.60	1.60	1.60	1.60	1.20	1.60	2.40	2.80	2.00
27	.80	.40	.40	.40	.40	.80	.80	.80	.80	2.00
28	1.20	1.60	1.60	.80	1.20	1.20	1.20	.80	.40	.00
29	.80	.40	.40	1.20	.80	.80	.40	.40	.00	.40
30	1.60	2.00	2.00	1.60	.80	.40	.80	.40	.80	.80
31	.40	.40	.40	.40	1.20	1.60	1.60	2.00	1.60	.80
32	.80	.80	.80	.40	.00	.00	.00	.00	.40	1.20
33	.00	.00	.00	.40	.80	.80	.80	.80	.80	.80
34	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
38	.40	.00	.00	.00	.00	.00	.00	.00	.00	.00
39	.80	.80	.80	.80	.80	.00	.00	.00	.00	.00
40	.00	.40	.40	.40	.00	.80	.80	.80	.80	.40
41	.00	.00	.00	.00	.40	.40	.40	.40	.40	.40
42	.40	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	51.60	56.40	61.60	65.20	68.00	72.80	79.20	83.60	83.60	82.80

BASAL AREA PER ACRE IN SQ. FT.

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	.64	.60	.66	.47	.56	.72	.88	.86	.25	.00
5	1.15	1.34	1.06	1.31	1.15	1.17	1.34	1.70	1.51	.00
6	.51	1.27	1.67	1.87	1.99	1.65	1.32	1.67	2.76	2.57
7	.21	.22	.93	1.29	1.26	2.50	3.05	2.12	1.30	3.71
8	.42	.27	.83	.98	1.51	1.16	1.28	2.17	3.56	3.44
9	.68	1.12	.20	.86	1.25	1.44	1.53	1.93	1.97	3.07
10	.65	.45	1.10	.65	1.53	1.60	2.00	1.55	1.97	2.33
11	.49	.49	1.02	1.30	.82	1.26	1.69	1.51	2.09	3.40
12	.34	.63	.34	.93	1.59	.92	.92	2.88	.94	1.22
13	1.49	.75	.77	.00	.00	1.08	1.52	.40	2.54	1.46
14	2.57	2.55	2.10	2.99	2.61	1.73	1.73	3.02	2.16	3.87
15	.98	1.96	2.01	1.00	.98	1.48	1.00	1.03	1.94	1.96
16	2.31	.57	1.07	1.65	1.66	1.70	1.69	1.73	1.11	2.25
17	1.27	2.50	2.53	2.58	1.25	1.29	1.25	1.30	2.56	1.29
18	.69	1.39	2.17	.68	2.79	2.12	2.08	2.12	1.47	1.43
19	5.56	4.01	2.39	4.69	3.18	2.36	3.19	2.39	3.19	3.13
20	3.46	4.30	6.12	5.33	6.19	7.94	6.20	4.43	2.68	1.72
21	.93	1.89	1.95	2.54	2.93	.97	2.91	5.72	5.75	5.71
22	7.43	6.49	3.23	2.14	3.22	5.30	4.23	4.30	5.30	6.31
23	2.34	2.31	5.78	5.83	3.52	1.17	2.30	1.11	2.26	4.58
24	6.24	6.24	6.35	6.34	6.34	8.85	7.58	6.32	6.42	2.58
25	4.09	4.06	4.15	5.53	5.55	4.21	4.18	2.74	1.39	4.07
26	4.35	5.82	5.91	6.98	5.97	4.42	5.88	8.84	10.40	7.56
27	3.20	1.59	1.63	1.64	1.66	3.11	3.12	3.15	3.18	7.89
28	5.25	6.98	7.06	3.52	5.19	5.23	5.24	3.51	1.75	.00
29	3.67	1.81	1.83	5.52	3.71	3.76	1.89	1.90	.00	1.80
30	7.89	9.90	10.00	8.05	3.97	2.00	3.94	1.94	3.90	3.91
31	2.07	2.07	2.07	2.06	6.18	8.33	8.35	10.51	8.45	4.19
32	4.41	4.48	4.55	2.30	.00	.00	.00	.00	2.18	6.58
33	.00	.00	.00	2.32	4.69	4.71	4.71	4.72	4.72	4.75

34	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
35	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
38	3.23	.00	.00	.00	.00	.00	.00	.00	.00	.00
39	6.74	6.62	6.71	6.74	6.77	.00	.00	.00	.00	.00
40	.00	3.46	3.51	3.56	.00	6.89	6.88	6.95	6.96	3.56
41	.00	.00	.00	.00	3.61	3.67	3.67	3.67	3.67	3.63
42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	85.26	88.15	91.69	93.02	93.53	94.77	97.72	98.17	100.35	103.96

TABLE 2.16:

SUMMARY FOR PLOT NO. 61 SUBPLOT NO. 27 AREA: 2.50 ACRES

STEM COUNT PER ACRE

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	.40	.40	2.00	2.40	4.40	5.60	6.00	5.60	2.00	.00
5	.00	.40	.80	1.20	2.40	3.20	6.00	8.00	8.00	.00
6	.00	.00	.00	.80	1.60	1.20	1.20	2.80	4.80	7.60
7	.00	.00	.00	.00	.40	1.60	1.20	.80	2.00	6.00
8	.80	.80	.40	.00	.00	.80	1.60	1.60	1.20	2.80
9	.00	.00	.40	.80	.80	.40	.80	1.20	1.20	1.60
10	.80	.00	.00	.00	.00	.40	.40	.80	.80	1.60
11	.40	1.20	.80	.00	.00	.00	.00	.00	.80	.80
12	.40	.00	.40	.80	.40	.00	.00	.00	.00	.00
13	1.20	.80	.00	.00	.40	.40	.00	.00	.00	.40
14	.80	.40	.80	.40	.40	.00	.40	.40	.00	.00
15	2.00	2.00	.40	.80	.40	.80	.40	.00	.40	.40
16	.80	1.60	2.80	.40	.40	.40	.40	.80	.80	.40
17	2.40	.80	1.20	2.40	1.60	.80	1.20	.80	.40	.80
18	.40	2.00	1.20	.80	2.00	2.00	.80	1.20	1.20	.40
19	1.20	.80	1.20	2.00	1.20	1.20	1.60	.40	.80	1.20
20	.40	.40	.80	1.60	1.20	1.60	2.00	2.80	2.40	1.60
21	1.60	.80	.80	.40	1.20	1.60	1.20	.80	1.20	1.20
22	.40	1.60	.80	.80	.80	.40	1.20	1.20	.80	1.20
23	1.20	1.20	1.60	1.20	.80	.40	.40	1.20	1.20	.80
24	.40	.40	1.20	1.20	1.60	1.60	1.20	.80	1.20	1.20
25	2.80	1.60	.80	.80	1.20	1.20	1.20	1.20	.40	.80
26	.40	2.00	1.60	2.00	1.20	1.60	1.60	1.20	2.00	1.60
27	.40	.40	1.20	1.60	1.60	1.20	1.60	1.60	.40	.80
28	.40	.00	.40	.00	.80	1.20	.80	.80	2.00	2.00
29	.00	.40	.40	.80	.80	.80	1.20	.80	.80	.80
30	.40	.40	.40	.00	.00	.40	.40	1.20	1.20	.80
31	.40	.40	.40	.40	.40	.40	.40	.40	.40	1.20
32	1.20	.80	.80	.40	.40	.40	.40	.40	.40	.40
33	.80	.80	.80	1.20	.80	.80	.40	.40	.40	.40
34	.00	.00	.00	.00	.00	.00	.40	.40	.40	.40
35	.40	.00	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	.40	.40	.40	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	.40	.40	.40	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	.40	.40	.40
39	.40	.40	.40	.40	.40	.40	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	23.20	23.20	25.20	26.00	30.00	33.20	36.80	40.00	40.00	39.60

BASAL AREA PER ACRE IN SQ. FT.

DIA CLASS (IN.)	1920	1925	1930	1935	1940	1945	1950	1955	1960	1970
4	.04	.03	.16	.23	.39	.51	.54	.51	.21	.00
5	.00	.05	.11	.16	.34	.40	.79	1.08	1.12	.00
6	.00	.00	.00	.15	.33	.25	.24	.54	.91	1.60
7	.00	.00	.00	.00	.10	.43	.32	.22	.53	1.59
8	.29	.31	.16	.00	.00	.27	.53	.56	.42	.98
9	.00	.00	.17	.34	.37	.18	.35	.52	.54	.69
10	.45	.00	.00	.00	.00	.21	.22	.46	.41	.90
11	.28	.82	.57	.00	.00	.00	.00	.00	.51	.55
12	.34	.00	.29	.63	.31	.00	.00	.00	.00	.00
13	1.11	.78	.00	.00	.36	.39	.00	.00	.00	.35

14	.89	.45	.86	.43	.46	.00	.41	.44	.00	.00
15	2.43	2.49	.49	.99	.50	1.00	.52	.00	.47	.52
16	1.12	2.25	3.95	.57	.55	.58	.54	1.10	1.15	.57
17	3.78	1.31	1.96	3.75	2.53	1.25	1.91	1.28	.64	1.28
18	.71	3.50	2.22	1.37	3.57	3.63	1.45	2.16	2.15	.71
19	2.42	1.60	2.31	3.92	2.45	2.42	3.16	.78	1.57	2.35
20	.92	.88	1.68	3.46	2.60	3.49	4.36	6.07	5.33	3.54
21	3.88	1.92	1.92	1.00	2.81	3.94	2.94	1.91	2.97	2.90
22	1.03	4.21	2.12	2.12	2.06	1.05	3.17	3.17	2.17	3.17
23	3.42	3.45	4.57	3.52	2.32	1.11	1.13	3.44	3.56	2.32
24	1.28	1.24	3.77	3.71	5.01	4.99	3.76	2.49	3.77	3.82
25	9.58	5.54	2.80	2.68	4.17	4.06	4.06	4.09	1.36	2.72
26	1.47	7.39	5.91	7.34	4.49	6.06	6.00	4.39	7.40	5.96
27	1.63	1.65	4.71	6.43	6.39	4.74	6.40	6.46	1.63	3.21
28	1.77	.00	1.77	.00	3.43	5.13	3.45	3.37	8.48	8.63
29	.00	1.82	1.85	3.71	3.78	3.71	5.57	3.64	3.69	3.73
30	1.98	1.98	1.98	.00	.00	1.94	1.96	5.85	5.96	3.86
31	2.04	2.06	2.07	2.07	2.07	2.07	2.07	2.07	2.07	6.22
32	6.70	4.51	4.54	2.28	2.29	2.29	2.30	2.30	2.30	2.30
33	4.71	4.75	4.78	7.14	4.77	4.80	2.35	2.35	2.36	2.36
34	.00	.00	.00	.00	.00	.00	2.46	2.49	2.51	2.55
35	2.75	.00	.00	.00	.00	.00	.00	.00	.00	.00
36	.00	2.81	2.84	2.91	.00	.00	.00	.00	.00	.00
37	.00	.00	.00	.00	2.97	3.00	3.07	.00	.00	.00
38	.00	.00	.00	.00	.00	.00	.00	3.13	3.15	3.23
39	3.28	3.34	3.35	3.39	3.40	3.40	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
47	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
48	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
49	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	60.30	61.13	63.93	64.30	64.84	67.29	66.02	66.88	69.33	72.60

Section 3: COMPOSITE STAND AND STOCK TABLES

3.1: Stand Tables

TABLE 3.1.1: STAND TABLE BASED ON 1920 INVENTORY

DIAMETER BREAST HEIGHT	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
INCHES	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
4	4.35	.39	4.22	.00
5	4.70	.65	6.54	.00
6	3.16	.63	6.48	.00
7	1.95	.52	5.71	.00
8	2.07	.72	8.60	.00
9	1.34	.59	7.64	.00
10	.71	.39	5.51	.00
11	.88	.59	9.06	.00
12	.71	.56	9.45	28.06
13	1.01	.94	17.34	57.56
14	1.04	1.12	22.55	80.76
15	1.37	1.68	35.71	134.81
16	1.21	1.72	39.57	157.07
17	1.57	2.48	58.91	240.39
18	1.26	2.25	57.19	252.13
19	1.39	2.74	72.73	342.51
20	1.54	3.39	94.23	470.40
21	1.21	2.91	83.74	434.26
22	1.24	3.30	101.06	547.04
23	1.06	3.06	96.52	535.78
24	.99	3.09	100.99	574.25
25	1.06	3.63	122.94	714.67
26	.76	2.80	97.85	579.00
27	.68	2.73	96.70	578.98
28	.68	2.96	108.77	661.90
29	.66	3.02	111.98	685.88
30	.48	2.36	90.00	557.59
31	.43	2.26	87.65	547.36
32	.38	2.12	82.71	518.98
33	.20	1.20	47.80	302.20
34	.20	1.29	51.82	329.58
35	.08	.51	20.59	131.47
36	.13	.90	36.87	236.47
37	.10	.77	31.68	204.04
38	.05	.41	17.05	110.26
39	.08	.63	26.51	171.75
40	.03	.23	9.52	61.87
41	.03	.23	9.87	64.25
42	.03	.25	10.47	68.36
43	.00	.00	.00	.00
44	.00	.00	.00	.00
45	.00	.00	.00	.00
TOTAL	40.81	62.04	1904.53	10379.60

TABLE 3.1.2: STAND TABLE BASED ON 1925 INVENTORY

DIAMETER BREAST HEIGHT	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
INCHES	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
4	5.69	.51	5.49	.00
5	4.85	.68	6.84	.00
6	4.20	.83	8.56	.00
7	3.63	.71	7.79	.00
8	3.02	.72	8.56	.00
9	1.92	.86	11.09	.00
10	1.14	.62	8.64	.00
11	.81	.54	8.34	.00
12	.86	.68	11.28	33.37
13	.88	.82	14.99	49.93
14	1.09	1.16	23.27	83.00
15	1.19	1.48	31.86	121.17
16	1.16	1.65	37.46	147.89
17	1.59	2.54	60.74	249.17
18	1.37	2.43	61.71	271.94
19	1.29	2.55	67.72	319.57
20	1.31	2.86	79.12	392.98
21	1.69	4.08	116.81	605.87
22	1.11	2.96	90.20	487.73
23	1.24	3.58	112.35	629.27
24	1.09	3.42	111.37	633.14
25	.88	3.03	102.11	592.99
26	1.01	3.73	129.58	765.52
27	.71	2.84	101.79	611.35
28	.56	2.40	87.47	530.87
29	.83	3.84	142.21	871.02
30	.51	2.49	94.58	585.44
31	.48	2.53	98.11	612.77
32	.35	2.00	78.13	490.69
33	.23	1.35	53.77	339.94
34	.20	1.29	51.92	330.19
35	.10	.67	27.32	174.35
36	.13	.90	36.96	237.11
37	.13	.95	39.48	254.24
38	.00	.00	.00	.00
39	.10	.84	34.94	226.20
40	.05	.44	18.68	121.36
41	.03	.24	9.97	64.94
42	.00	.00	.00	.00
43	.03	.25	10.67	69.73
44	.00	.00	.00	.00
45	.00	.00	.00	.00
TOTAL	45.46	65.47	2001.87	10897.73

TABLE 3.1.3: STAND TABLE BASED ON 1930 INVENTORY

DIAMETER BREAST HEIGHT	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
INCHES	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
4	5.23	.47	5.06	.00
5	5.99	.82	8.33	.00
6	4.88	.98	10.10	.00
7	3.24	.86	9.45	.00
8	2.78	.99	11.86	.00
9	1.92	.86	11.15	.00
10	1.57	.87	12.11	.00
11	1.59	1.06	16.05	.00
12	.99	.78	12.99	38.86
13	.81	.75	13.72	45.74
14	1.16	1.25	25.04	89.54
15	.91	1.13	24.17	91.72
16	1.16	1.64	37.12	146.29
17	1.34	2.14	51.38	211.55
18	1.54	2.75	69.22	305.31
19	1.37	2.69	71.43	336.34
20	1.39	3.04	84.26	419.31
21	1.44	3.49	100.46	522.58
22	1.29	3.39	100.83	540.87
23	1.42	4.09	128.48	712.81
24	.99	3.11	101.14	575.09
25	1.04	3.53	117.78	681.88
26	.99	3.65	126.03	743.78
27	.86	3.43	122.69	736.12
28	.53	2.28	83.62	508.11
29	.66	3.01	111.10	679.50
30	.73	3.60	135.97	840.35
31	.40	2.13	81.95	510.97
32	.38	2.12	82.70	518.85
33	.25	1.49	59.35	375.01
34	.23	1.44	58.06	369.10
35	.15	1.02	41.32	263.86
36	.15	1.09	44.67	286.64
37	.08	.57	23.69	152.54
38	.03	.20	8.18	52.81
39	.10	.85	35.38	229.22
40	.05	.45	18.83	122.37
41	.00	.00	.00	.00
42	.03	.24	10.12	65.96
43	.03	.26	10.92	71.45
44	.00	.00	.00	.00
45	.00	.00	.00	.00
TOTAL	49.68	68.52	2076.69	11244.53

TABLE 3.1.4: STAND TABLE BASED ON 1935 INVENTORY

DIAMETER BREAST HEIGHT	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
INCHES	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
4	4.79	.36	3.80	.00
5	5.31	.74	7.45	.00
6	6.07	1.21	12.54	.00
7	4.22	1.13	12.35	.00
8	2.96	1.04	12.43	.00
9	2.40	1.07	13.69	.00
10	2.02	1.10	15.28	.00
11	1.54	1.02	15.31	.00
12	1.74	1.37	22.84	67.81
13	.94	.86	15.58	51.83
14	1.04	1.12	22.57	80.96
15	1.11	1.37	28.88	108.90
16	.88	1.25	28.58	113.17
17	1.26	2.00	47.77	195.26
18	1.37	2.44	60.81	267.99
19	1.64	3.24	86.22	406.45
20	1.39	3.06	85.24	425.77
21	1.47	3.57	102.71	535.17
22	1.39	3.69	109.90	590.97
23	1.44	4.19	131.32	729.28
24	1.01	3.19	103.27	586.61
25	1.11	3.81	126.51	736.42
26	.96	3.57	123.40	728.66
27	.88	3.52	124.15	742.23
28	.66	2.81	103.03	626.06
29	.61	2.79	104.33	640.37
30	.76	3.74	140.14	864.53
31	.46	2.40	91.93	572.58
32	.30	1.69	66.08	415.02
33	.35	2.09	82.62	521.18
34	.20	1.29	52.01	330.81
35	.15	1.02	41.27	263.55
36	.18	1.27	52.04	333.96
37	.08	.57	23.45	150.91
38	.05	.39	16.27	104.97
39	.10	.85	35.68	231.23
40	.05	.45	18.98	123.39
41	.00	.00	.00	.00
42	.03	.24	10.22	66.65
43	.00	.00	.00	.00
44	.03	.26	11.13	72.82
45	.00	.00	.00	.00
TOTAL	51.96	71.77	2161.73	11681.30

TABLE 3.1.5:

STAND TABLE BASED ON 1940 INVENTORY

DIAMETER BREAST HEIGHT	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
INCHES	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
4	3.16	.30	3.14	.00
5	4.91	.69	7.02	.00
6	5.82	1.18	12.27	.00
7	5.23	1.42	15.63	.00
8	3.39	1.13	14.06	.00
9	2.91	1.30	16.74	.00
10	2.59	1.45	19.59	.00
11	1.74	1.17	17.57	.00
12	1.62	1.29	21.66	6.34
13	1.47	1.36	24.45	21.23
14	1.21	1.10	22.10	79.53
15	1.01	1.25	26.80	100.01
16	.34	1.30	29.39	115.53
17	1.19	1.89	45.04	184.62
18	1.19	2.11	53.20	234.18
19	1.49	2.94	77.26	364.77
20	1.59	3.48	96.56	480.66
21	1.44	3.49	99.81	514.60
22	1.54	4.10	122.75	661.43
23	1.42	4.11	127.36	705.68
24	1.31	4.16	135.20	769.01
25	.82	3.05	102.42	594.65
26	.96	3.57	122.21	720.92
27	.89	3.93	138.36	826.69
28	.76	3.26	119.52	726.46
29	.43	1.92	73.73	454.77
30	.73	3.63	136.79	844.87
31	.56	2.93	111.47	693.04
32	.35	1.97	76.83	481.66
33	.35	2.12	84.28	533.09
34	.10	.64	25.78	163.88
35	.20	1.35	54.68	348.01
36	.13	.90	36.73	235.52
37	.13	.94	38.81	249.68
38	.08	.59	24.51	156.11
39	.10	.26	35.87	232.58
40	.04	.23	9.52	61.87
41	.03	.23	9.68	62.05
42	.03	.24	10.32	67.43
43	.00	.00	.00	.00
44	.03	.27	11.28	73.85
45	.00	.00	.00	.00
TOTAL	53.78	73.89	2410.25	11886.73

TABLE 3.1.6:

STAND TABLE BASED ON 1945 INVENTORY

DIAMETER BREAST HEIGHT	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
INCHES	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
4	3.26	.47	5.08	.00
5	4.82	.84	6.51	.00
6	5.16	1.04	10.23	.00
7	5.04	1.65	18.23	.00
8	4.27	1.50	17.75	.00
9	3.26	1.46	18.80	.00
10	2.80	1.38	19.23	.00
11	2.12	1.40	20.93	.00
12	1.92	1.51	24.99	7.10
13	1.84	1.43	25.95	26.26
14	1.47	1.52	31.27	112.17
15	.91	1.13	24.11	91.29
16	1.14	1.60	36.13	142.34
17	.99	1.57	37.69	154.62
18	1.09	1.93	48.36	212.40
19	1.44	2.84	75.09	353.84
20	1.62	3.54	98.65	491.47
21	1.49	3.61	102.20	533.25
22	1.52	4.04	121.13	659.30
23	1.37	3.96	121.88	673.77
24	1.26	3.96	127.22	726.51
25	1.04	3.53	117.88	682.68
26	1.00	3.84	130.47	766.90
27	1.09	4.36	152.75	912.34
28	.81	3.42	127.15	772.50
29	.63	2.84	90.80	556.61
30	.61	3.01	113.83	704.02
31	.58	3.08	116.45	724.59
32	.43	2.40	93.13	583.57
33	.35	2.11	83.50	527.15
34	.15	.96	38.47	244.04
35	.23	1.53	62.05	396.26
36	.10	.72	29.78	191.10
37	.13	.98	39.14	251.98
38	.05	.40	16.42	105.95
39	.03	.21	8.34	57.81
40	.04	.66	27.80	180.01
41	.03	.23	9.77	63.07
42	.03	.24	10.32	67.43
43	.00	.00	.00	.00
44	.03	.27	11.43	74.88
45	.00	.00	.00	.00
TOTAL	52.26	76.64	2472.74	12165.56

TABLE 3.1.7:

STAND TABLE BASED ON 1950 INVENTORY

DIAMETER BREAST HEIGHT	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
INCHES	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
4	17.82	.98	15.50	.00
5	5.97	.82	8.26	.00
6	4.85	.97	10.07	.00
7	5.49	1.50	16.50	.00
8	5.51	1.92	22.67	.00
9	3.41	1.52	19.56	.00
10	3.11	1.71	23.78	.00
11	2.20	1.48	22.30	.00
12	2.12	1.58	27.22	33.63
13	1.59	1.49	27.13	90.32
14	1.54	1.66	32.78	117.49
15	1.06	1.31	27.76	109.72
16	1.09	1.52	34.63	136.72
17	1.09	1.73	41.40	169.58
18	.94	1.65	41.24	180.44
19	1.47	2.90	76.22	362.37
20	1.59	3.51	97.50	481.14
21	1.31	3.19	91.11	475.40
22	1.49	3.96	117.36	634.59
23	1.49	4.33	133.29	736.95
24	1.29	4.04	128.99	729.40
25	1.09	3.71	123.05	715.20
26	.94	3.45	118.10	696.37
27	1.06	4.24	147.95	882.45
28	.84	3.21	137.20	835.46
29	.42	2.21	82.18	508.56
30	.66	3.26	123.32	764.13
31	.53	2.73	107.24	667.33
32	.43	2.40	93.27	584.30
33	.33	1.95	76.43	481.31
34	.20	1.27	50.89	323.19
35	.18	1.19	48.23	308.00
36	.10	.72	29.50	189.18
37	.13	.98	39.05	251.31
38	.08	.59	24.55	158.44
39	.03	.21	8.34	57.81
40	.08	.66	27.75	180.18
41	.03	.23	9.77	63.07
42	.03	.25	10.37	67.58
43	.00	.00	.00	.00
44	.03	.27	11.43	74.88
45	.00	.00	.00	.00
TOTAL	55.70	78.03	2422.48	12109.25

TABLE 3.1.8:

STAND TABLE BASED ON 1955 INVENTORY

DIAMETER BREAST HEIGHT	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
INCHES	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
4	14.16	1.32	14.02	.00
5	11.35	1.55	15.69	.00
6	5.82	1.13	11.70	.00
7	5.03	1.38	15.21	.00
8	5.27	2.22	26.39	.00
9	4.84	1.63	21.77	.00
10	3.31	1.82	25.37	.00
11	2.36	1.56	23.31	.00
12	2.60	2.06	34.24	102.63
13	1.57	1.64	29.85	80.95
14	1.82	1.97	38.77	138.57
15	1.37	1.62	35.34	133.06
16	1.24	1.74	39.14	154.52
17	.86	1.61	39.92	159.59
18	1.11	1.97	49.15	210.20
19	1.39	2.76	72.88	344.19
20	1.42	3.12	86.42	431.53
21	1.39	3.34	95.61	495.47
22	1.43	3.96	117.47	631.17
23	1.53	4.62	142.32	784.83
24	1.33	4.40	140.43	795.95
25	.95	3.36	121.15	696.24
26	1.06	3.90	133.03	781.81
27	.93	3.93	136.58	814.28
28	.83	3.57	123.56	772.25
29	.54	2.67	98.71	604.27
30	.61	3.01	113.62	702.60
31	.53	2.73	106.65	664.24
32	.46	2.54	98.38	615.80
33	.32	1.85	84.87	409.04
34	.25	1.58	62.88	386.46
35	.18	1.19	48.50	309.27
36	.10	.72	29.54	189.50
37	.10	.75	31.01	199.43
38	.00	.79	33.33	213.23
39	.00	.00	.00	.00
40	.08	.67	27.95	181.53
41	.03	.23	9.77	63.07
42	.00	.00	.00	.00
43	.03	.25	10.57	69.08
44	.00	.00	.00	.00
45	.03	.27	11.58	75.91
TOTAL	64.62	81.02	2321.58	12166.98

TABLE 3.1.9:

STAND TABLE BASED ON 1960 INVENTORY

DIAMETER BREAST HEIGHT	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
INCHES	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
4	3.69	.37	3.85	.00
5	15.93	2.20	22.25	.00
6	11.10	2.19	22.60	.00
7	4.83	1.29	14.13	.00
8	6.25	2.20	26.21	.00
9	5.18	2.31	29.67	.00
10	3.36	1.85	25.70	.00
11	3.26	2.17	32.64	.00
12	2.20	1.75	29.80	88.18
13	2.10	1.94	35.72	117.86
14	1.57	1.69	33.46	119.79
15	1.67	2.04	42.97	161.56
16	1.42	1.98	44.35	173.58
17	1.04	1.63	39.24	160.77
18	1.19	2.12	53.38	235.65
19	1.21	2.42	64.25	304.67
20	1.31	2.89	80.18	400.03
21	1.52	3.66	105.65	549.20
22	1.47	3.90	115.96	623.69
23	1.52	4.41	136.88	758.43
24	1.39	4.40	140.35	794.96
25	1.21	4.14	136.37	787.23
26	1.16	4.31	149.30	881.68
27	.83	3.34	118.02	706.32
28	.94	4.01	145.00	878.27
29	.51	2.32	84.96	518.67
30	.53	2.61	99.19	613.96
31	.66	3.43	132.09	823.31
32	.40	2.26	88.20	553.39
33	.35	2.10	82.87	522.85
34	.25	1.59	63.18	400.37
35	.18	1.20	48.64	310.81
36	.13	.90	36.97	237.12
37	.10	.76	31.34	201.76
38	.10	.80	33.37	215.55
39	.00	.00	.00	.00
40	.08	.67	28.00	181.87
41	.00	.00	.00	.00
42	.00	.00	.00	.00
43	.03	.25	10.62	69.39
44	.00	.00	.00	.00
45	.03	.27	11.58	75.91
TOTAL	81.68	84.37	2398.91	12466.80

TABLE 3.1.10:

STAND TABLE BASED ON 1970 INVENTORY

DIAMETER BREAST HEIGHT	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
INCHES	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
4	.00	.00	.00	.00
5	.03	.00	.03	.00
6	12.87	2.72	28.41	.00
7	14.89	4.00	43.95	.00
8	8.65	3.03	35.99	.00
9	6.17	2.74	35.23	.00
10	4.65	2.56	35.60	.00
11	3.69	2.44	36.65	.00
12	3.03	2.41	39.90	119.79
13	2.17	2.02	37.26	123.64
14	2.07	2.23	44.43	158.96
15	1.62	2.00	42.45	160.28
16	1.52	2.13	47.78	187.17
17	1.47	2.30	54.49	221.34
18	.94	1.66	41.81	183.71
19	1.34	2.64	69.07	324.66
20	1.19	2.60	71.52	355.69
21	1.42	3.40	97.77	507.10
22	1.42	3.75	112.25	603.90
23	1.39	4.04	124.26	687.08
24	1.52	4.78	152.79	865.25
25	1.26	4.34	142.37	821.77
26	1.21	4.47	152.18	894.39
27	.96	3.83	134.93	806.46
28	.94	4.03	145.64	881.93
29	.51	2.33	86.18	527.64
30	.48	2.36	88.21	543.71
31	.66	3.44	133.13	830.91
32	.40	2.26	88.27	553.94
33	.30	1.81	71.62	452.04
34	.28	1.76	70.97	451.18
35	.15	1.02	40.71	258.90
36	.15	1.07	43.10	275.08
37	.13	.95	39.43	253.91
38	.05	.41	17.05	110.26
39	.03	.21	8.92	57.81
40	.05	.45	18.98	123.39
41	.03	.23	9.67	62.89
42	.00	.00	.00	.00
43	.03	.25	10.57	69.05
44	.00	.00	.00	.00
45	.03	.28	11.68	76.59
TOTAL	79.67	88.99	2465.20	12550.41

3.2: Mortality Tables

TABLE 3.2.1:

MORTALITY BETWEEN 1920 AND 1925 INVENTORIES

DIAMETER BREAST HEIGHT	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
INCHES	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
4	.00	.00	.00	.00
5	.00	.00	.00	.00
6	.00	.00	.00	.00
7	.00	.00	.00	.00
8	.00	.00	.00	.00
9	.00	.00	.00	.00
10	.00	.00	.00	.00
11	.00	.00	.00	.00
12	.00	.00	.00	.00
13	.00	.00	.00	.00
14	.00	.00	.00	.00
15	.00	.00	.00	.00
16	.00	.00	.00	.00
17	.00	.00	.00	.00
18	.00	.00	.00	.00
19	.00	.00	.00	.00
20	.00	.00	.00	.00
21	.00	.00	.00	.00
22	.00	.00	.00	.00
23	.00	.00	.00	.00
24	.00	.00	.00	.00
25	.00	.00	.00	.00
26	.00	.00	.00	.00
27	.00	.00	.00	.00
28	.00	.00	.00	.00
29	.00	.00	.00	.00
30	.00	.00	.00	.00
31	.00	.00	.00	.00
32	.00	.00	.00	.00
33	.00	.00	.00	.00
34	.00	.00	.00	.00
35	.00	.00	.00	.00
36	.00	.00	.00	.00
37	.00	.00	.00	.00
38	.00	.00	.00	.00
39	.00	.00	.00	.00
40	.00	.00	.00	.00
41	.00	.00	.00	.00
42	.00	.00	.00	.00
43	.00	.00	.00	.00
44	.00	.00	.00	.00
45	.00	.00	.00	.00
TOTAL	.00	.00	.00	.00

TABLE 3.2.2:

MORTALITY BETWEEN 1925 AND 1930 INVENTORIES

DIAMETER BREAST HEIGHT	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
INCHES	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
4	.00	.00	.00	.00
5	.00	.00	.00	.00
6	.05	.01	.10	.00
7	.00	.00	.00	.00
8	.00	.00	.00	.00
9	.03	.01	.16	.00
10	.00	.00	.00	.00
11	.03	.02	.28	.00
12	.00	.00	.00	.00
13	.00	.00	.00	.00
14	.00	.00	.00	.00
15	.00	.00	.00	.00
16	.03	.03	.85	3.46
17	.00	.00	.00	.00
18	.00	.00	.00	.00
19	.00	.00	.00	.00
20	.05	.11	3.02	14.93
21	.03	.06	1.76	9.08
22	.00	.00	.00	.00
23	.00	.00	.00	.00
24	.05	.16	5.20	29.58
25	.00	.00	.00	.00
26	.00	.00	.00	.00
27	.00	.00	.00	.00
28	.00	.00	.00	.00
29	.05	.23	8.79	54.07
30	.03	.12	4.77	29.54
31	.03	.13	5.04	31.44
32	.00	.00	.00	.00
33	.00	.00	.00	.00
34	.00	.00	.00	.00
35	.00	.00	.00	.00
36	.00	.00	.00	.00
37	.03	.19	7.94	51.17
38	.00	.00	.00	.00
39	.00	.00	.00	.00
40	.00	.00	.00	.00
41	.00	.00	.00	.00
42	.00	.00	.00	.00
43	.00	.00	.00	.00
44	.00	.00	.00	.00
45	.00	.00	.00	.00
TOTAL	.38	1.08	37.92	223.29

TABLE 3.2.3:
MORTALITY BETWEEN 1935 AND 1940 INVENTORIES

DIAMETER BREAST HEIGHT	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
INCHES	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
4	.03	.00	.03	.00
5	.05	.01	.07	.00
6	.05	.01	.11	.00
7	.03	.01	.07	.00
8	.00	.00	.00	.00
9	.00	.00	.00	.00
10	.00	.00	.00	.00
11	.00	.00	.00	.00
12	.05	.04	.74	2.16
13	.08	.07	1.31	4.35
14	.00	.00	.00	.00
15	.03	.03	.72	2.78
16	.03	.04	.95	3.96
17	.00	.00	.00	.00
18	.00	.00	.00	.00
19	.00	.00	.00	.00
20	.00	.00	.00	.00
21	.00	.00	.00	.00
22	.00	.00	.00	.00
23	.03	.08	2.28	12.60
24	.03	.08	2.81	16.21
25	.05	.17	5.58	32.09
26	.05	.19	6.62	39.31
27	.00	.00	.00	.00
28	.03	.11	3.83	23.15
29	.03	.12	4.53	27.95
30	.00	.00	.00	.00
31	.00	.00	.00	.00
32	.03	.14	5.42	33.96
33	.03	.15	5.88	37.15
34	.00	.00	.00	.00
35	.00	.00	.00	.00
36	.00	.00	.00	.00
37	.00	.00	.00	.00
38	.00	.00	.00	.00
39	.00	.00	.00	.00
40	.00	.00	.00	.00
41	.00	.00	.00	.00
42	.00	.00	.00	.00
43	.00	.00	.00	.00
44	.00	.00	.00	.00
45	.00	.00	.00	.00
TOTAL	.58	1.24	40.93	235.67

TABLE 3.2.4:
MORTALITY BETWEEN 1930 AND 1935 INVENTORIES

DIAMETER BREAST HEIGHT	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
INCHES	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
4	.00	.00	.00	.00
5	.03	.00	.03	.00
6	.03	.01	.06	.00
7	.03	.01	.07	.00
8	.03	.01	.12	.00
9	.05	.02	.29	.00
10	.00	.00	.00	.00
11	.00	.00	.00	.00
12	.00	.00	.00	.00
13	.00	.00	.00	.00
14	.00	.00	.00	.00
15	.00	.00	.00	.00
16	.00	.00	.00	.00
17	.00	.00	.00	.00
18	.05	.09	2.42	10.94
19	.00	.00	.00	.00
20	.00	.00	.00	.00
21	.00	.00	.00	.00
22	.03	.06	1.83	9.67
23	.00	.00	.00	.00
24	.03	.08	2.66	15.19
25	.00	.00	.00	.00
26	.00	.00	.00	.00
27	.03	.10	3.79	22.91
28	.00	.00	.00	.00
29	.00	.00	.00	.00
30	.03	.13	4.92	30.62
31	.00	.00	.00	.00
32	.00	.00	.00	.00
33	.03	.15	6.10	38.63
34	.00	.00	.00	.00
35	.00	.00	.00	.00
36	.00	.00	.00	.00
37	.00	.00	.00	.00
38	.00	.00	.00	.00
39	.00	.00	.00	.00
40	.00	.00	.00	.00
41	.00	.00	.00	.00
42	.00	.00	.00	.00
43	.00	.00	.00	.00
44	.00	.00	.00	.00
45	.00	.00	.00	.00
TOTAL	.33	.67	22.31	127.96

TABLE 3.2.5:
MORTALITY BETWEEN 1940 AND 1945 INVENTORIES

DIAMETER BREAST HEIGHT	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
INCHES	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
4	.03	.00	.03	.00
5	.05	.01	.06	.00
6	.00	.00	.00	.00
7	.00	.00	.00	.00
8	.00	.00	.00	.00
9	.00	.00	.00	.00
10	.00	.00	.00	.00
11	.00	.00	.00	.00
12	.00	.00	.00	.00
13	.00	.00	.00	.00
14	.00	.00	.00	.00
15	.00	.00	.00	.00
16	.00	.00	.00	.00
17	.00	.00	.00	.00
18	.00	.00	.00	.00
19	.00	.00	.00	.00
20	.00	.00	.00	.00
21	.00	.00	.00	.00
22	.03	.06	2.03	14.90
23	.00	.00	.00	.00
24	.03	.08	2.75	15.80
25	.05	.17	5.79	33.66
26	.00	.00	.00	.00
27	.00	.00	.00	.00
28	.00	.00	.00	.00
29	.00	.00	.00	.00
30	.00	.00	.00	.00
31	.00	.00	.00	.00
32	.00	.00	.00	.00
33	.00	.00	.00	.00
34	.00	.00	.00	.00
35	.00	.00	.00	.00
36	.03	.18	7.52	48.25
37	.00	.00	.00	.00
38	.03	.20	8.23	53.14
39	.03	.22	9.02	58.48
40	.00	.00	.00	.00
41	.00	.00	.00	.00
42	.00	.00	.00	.00
43	.00	.00	.00	.00
44	.00	.00	.00	.00
45	.00	.00	.00	.00
TOTAL	.25	.92	35.42	220.23

TABLE 3.2.6:
MORTALITY BETWEEN 1945 AND 1950 INVENTORIES

DIAMETER BREAST HEIGHT	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
INCHES	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
4	.00	.00	.00	.00
5	.05	.01	.06	.00
6	.15	.03	.30	.00
7	.28	.07	.79	.00
8	.03	.01	.09	.00
9	.03	.01	.14	.00
10	.08	.04	.60	.00
11	.03	.02	.25	.00
12	.05	.04	.65	1.96
13	.03	.02	.40	1.40
14	.03	.03	.52	1.86
15	.03	.03	.71	2.69
16	.00	.00	.00	.00
17	.00	.00	.00	.00
18	.00	.00	.00	.00
19	.03	.05	1.39	6.54
20	.03	.05	1.60	7.99
21	.10	.24	6.80	35.10
22	.00	.00	.00	.00
23	.03	.07	2.32	12.87
24	.05	.16	5.37	30.78
25	.00	.00	.00	.00
26	.05	.19	6.73	39.99
27	.05	.21	7.48	45.11
28	.03	.11	4.12	25.13
29	.03	.11	4.23	25.88
30	.00	.00	.00	.00
31	.03	.13	5.09	31.72
32	.00	.00	.00	.00
33	.00	.00	.00	.00
34	.00	.00	.00	.00
35	.05	.33	13.59	86.70
36	.00	.00	.00	.00
37	.00	.00	.00	.00
38	.00	.00	.00	.00
39	.00	.00	.00	.00
40	.00	.00	.00	.00
41	.00	.00	.00	.00
42	.00	.00	.00	.00
43	.00	.00	.00	.00
44	.00	.00	.00	.00
45	.00	.00	.00	.00
TOTAL	1.21	1.97	63.21	355.63

TABLE 3.2.7:

MORTALITY BETWEEN 1950 AND 1955 INVENTORIES

DIAMETER BREAST HEIGHT	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
INCHES	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
4	.00	.00	.00	.00
5	.03	.00	.04	.00
6	.03	.01	.06	.00
7	.00	.00	.00	.00
8	.00	.00	.00	.00
9	.00	.00	.00	.00
10	.03	.01	.18	.00
11	.00	.00	.00	.00
12	.03	.02	.30	.86
13	.00	.00	.00	.00
14	.00	.00	.00	.00
15	.00	.00	.00	.00
16	.03	.03	.85	3.46
17	.00	.00	.00	.00
18	.00	.00	.00	.00
19	.00	.00	.00	.00
20	.00	.00	.00	.00
21	.03	.06	1.95	10.39
22	.00	.00	.00	.00
23	.03	.07	2.34	13.06
24	.00	.00	.00	.00
25	.00	.00	.00	.00
26	.00	.00	.00	.00
27	.05	.20	7.41	44.63
28	.03	.11	4.15	25.38
29	.08	.34	12.76	78.16
30	.00	.00	.00	.00
31	.03	.14	5.33	33.40
32	.03	.14	5.54	34.82
33	.00	.00	.00	.00
34	.03	.16	6.28	39.83
35	.00	.00	.00	.00
36	.00	.00	.00	.00
37	.03	.19	7.90	50.85
38	.00	.00	.00	.00
39	.03	.21	8.92	57.81
40	.00	.00	.00	.00
41	.00	.00	.00	.00
42	.00	.00	.00	.00
43	.00	.00	.00	.00
44	.00	.00	.00	.00
45	.00	.00	.00	.00
TOTAL	.46	1.71	64.01	392.64

TABLE 3.2.8:

MORTALITY BETWEEN 1955 AND 1960 INVENTORIES

DIAMETER BREAST HEIGHT	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
INCHES	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
4	.00	.00	.00	.00
5	.00	.00	.00	.00
6	.00	.00	.00	.00
7	.00	.00	.00	.00
8	.08	.03	.31	.00
9	.00	.00	.00	.00
10	.00	.00	.00	.00
11	.00	.00	.00	.00
12	.00	.00	.00	.00
13	.00	.00	.00	.00
14	.00	.00	.00	.00
15	.00	.00	.00	.00
16	.00	.00	.00	.00
17	.03	.04	1.08	4.66
18	.00	.00	.00	.00
19	.00	.00	.00	.00
20	.00	.00	.00	.00
21	.00	.00	.00	.00
22	.00	.00	.00	.00
23	.03	.08	2.51	14.20
24	.03	.08	2.63	14.99
25	.00	.00	.00	.00
26	.00	.00	.00	.00
27	.03	.10	3.65	21.96
28	.00	.00	.00	.00
29	.03	.11	4.19	25.63
30	.03	.12	4.65	28.74
31	.00	.00	.00	.00
32	.03	.14	5.67	35.69
33	.00	.00	.00	.00
34	.00	.00	.00	.00
35	.00	.00	.00	.00
36	.00	.00	.00	.00
37	.00	.00	.00	.00
38	.00	.00	.00	.00
39	.00	.00	.00	.00
40	.00	.00	.00	.00
41	.03	.23	9.77	63.57
42	.00	.00	.00	.00
43	.00	.00	.00	.00
44	.00	.00	.00	.00
45	.00	.00	.00	.00
TOTAL	.28	.93	34.46	209.44

TABLE 3.2.9:

MORTALITY BETWEEN 1960 AND 1970 INVENTORIES

DIAMETER BREAST HEIGHT	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
INCHES	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
4	.00	.00	.00	.00
5	.00	.00	.00	.00
6	.00	.00	.00	.00
7	.00	.00	.00	.00
8	.08	.03	.31	.00
9	.00	.00	.00	.00
10	.00	.00	.00	.00
11	.03	.02	.25	.00
12	.00	.00	.00	.00
13	.00	.00	.00	.00
14	.08	.08	1.68	6.03
15	.03	.03	.63	2.34
16	.00	.00	.00	.00
17	.00	.00	.00	.00
18	.00	.00	.00	.00
19	.05	.10	2.81	13.37
20	.00	.00	.00	.00
21	.03	.06	1.98	10.56
22	.03	.07	2.23	12.32
23	.10	.29	9.33	61.94
24	.03	.08	2.54	14.40
25	.05	.17	5.50	31.57
26	.03	.09	2.98	17.23
27	.15	.60	21.74	130.59
28	.05	.22	7.90	48.02
29	.00	.00	.00	.00
30	.08	.37	14.06	87.02
31	.03	.13	5.04	31.44
32	.08	.42	16.50	103.61
33	.03	.15	5.88	37.15
34	.00	.00	.00	.00
35	.03	.17	7.00	44.76
36	.00	.00	.00	.00
37	.03	.19	7.70	49.55
38	.03	.20	8.38	54.13
39	.00	.00	.00	.00
40	.00	.00	.00	.00
41	.00	.00	.00	.00
42	.00	.00	.00	.00
43	.00	.00	.00	.00
44	.00	.00	.00	.00
45	.00	.00	.00	.00
TOTAL	.99	3.47	124.46	746.03

3.3: Net Periodic Growth Tables

TABLE 3.3.1:
NET PERIODIC GROWTH FOR THE PERIOD 1920 TO 1925

DIAMETER BREAST HEIGHT	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
INCHES	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
4	1.34	.12	1.26	.00
5	.15	.03	.31	.00
6	1.04	.20	2.08	.00
7	.68	.19	2.08	.00
8	-.05	-.01	-.04	.00
9	.58	.27	3.45	.00
10	.43	.23	3.13	.00
11	-.08	-.05	-.72	.00
12	.15	.11	1.83	5.31
13	-.13	-.12	-2.35	-7.63
14	.05	.04	.72	2.24
15	-.18	-.20	-3.85	-13.64
16	-.05	-.08	-2.10	-9.17
17	.03	.06	1.83	8.78
18	.10	.18	4.51	19.80
19	-.10	-.19	-5.01	-22.94
20	-.23	-.53	-15.11	-77.42
21	.48	1.16	33.07	171.61
22	-.13	-.34	-10.86	-59.31
23	.18	.51	15.83	87.49
24	.10	.33	10.38	58.89
25	-.18	-.60	-20.83	-121.68
26	.25	.93	31.72	186.52
27	.03	.11	5.09	32.37
28	-.13	-.56	-21.29	-131.03
29	.18	.82	30.23	185.14
30	.03	.13	4.58	27.85
31	.05	.27	10.46	65.41
32	-.03	-.12	-4.58	-28.29
33	.03	.15	5.97	37.74
34	.00	.00	.09	.62
35	.03	.17	6.73	42.88
36	.00	.00	.09	.64
37	.03	.19	7.80	50.21
38	-.05	-.41	-17.05	-110.26
39	.03	.20	8.43	54.45
40	.03	.22	9.17	59.49
41	.00	.00	.10	.68
42	-.03	-.25	-10.47	-68.36
43	.03	.25	10.67	69.73
44	.00	.00	.00	.00
45	.00	.00	.00	.00
TOTAL	4.65	3.43	97.34	518.12

TABLE 3.3.2:
NET PERIODIC GROWTH FOR THE PERIOD 1925 TO 1930

DIAMETER BREAST HEIGHT	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
INCHES	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
4	-.46	-.04	-.42	.00
5	1.14	.15	1.49	.00
6	.68	.15	1.54	.00
7	.61	.15	1.66	.00
8	.76	.27	3.29	.00
9	.00	.00	.05	.00
10	.43	.24	3.47	.00
11	.78	.52	7.72	.00
12	.13	.10	1.72	5.48
13	-.08	-.07	-1.28	-4.18
14	.08	.09	1.77	6.54
15	-.28	-.35	-7.69	-29.46
16	.00	-.01	-.34	-1.61
17	-.25	-.40	-9.35	-37.61
18	.18	.32	7.52	33.37
19	.08	.14	3.71	16.77
20	.08	.17	5.14	26.33
21	-.25	-.59	-16.35	-83.28
22	.18	.43	10.62	53.14
23	.18	.52	16.12	89.54
24	-.10	-.31	-10.23	-58.05
25	.15	.50	15.67	88.89
26	-.03	-.08	-3.54	-21.73
27	.15	.59	20.91	124.78
28	-.03	-.12	-3.86	-22.76
29	-.18	-.83	-31.11	-191.52
30	.23	1.11	41.39	254.91
31	-.08	-.40	-16.16	-101.80
32	.03	.12	4.56	28.16
33	.03	.14	5.58	35.07
34	.03	.15	6.14	38.91
35	.05	.34	14.00	89.51
36	.03	.19	7.70	49.53
37	-.05	-.38	-15.79	-101.70
38	.03	.20	8.18	52.81
39	.00	.01	.44	3.01
40	.00	.00	.15	1.02
41	-.03	-.24	-9.97	-64.94
42	.03	.24	10.12	65.96
43	.00	.01	.25	1.72
44	.00	.00	.00	.00
45	.00	.00	.00	.00
TOTAL	4.22	3.05	74.82	346.81

TABLE 3.3.3:
NET PERIODIC GROWTH FOR THE PERIOD 1930 TO 1935

DIAMETER BREAST HEIGHT	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
INCHES	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
4	-1.44	-.11	-1.27	.00
5	-.68	-.09	-.89	.00
6	1.19	.24	2.44	.00
7	.99	.26	2.90	.00
8	.18	.05	.58	.00
9	.48	.20	2.55	.00
10	.46	.23	3.17	.00
11	-.05	-.04	-.74	.00
12	.76	.59	9.84	28.96
13	.13	.11	1.86	6.08
14	-.13	-.13	-2.47	-8.58
15	.20	.24	4.71	17.18
16	-.28	-.39	-8.54	-33.11
17	-.08	-.14	-3.61	-16.30
18	-.18	-.32	-8.41	-37.32
19	.28	.56	14.79	70.11
20	.00	.02	.98	6.47
21	.03	.08	2.25	12.58
22	.10	.30	9.07	50.10
23	.03	.10	2.84	16.48
24	.03	.08	2.13	11.51
25	.08	.27	8.73	50.34
26	-.03	-.08	-2.64	-15.12
27	.03	.08	1.46	6.11
28	.13	.52	19.41	117.95
29	-.05	-.22	-6.76	-39.14
30	.03	.14	4.17	24.18
31	.05	.27	9.98	61.61
32	-.08	-.43	-16.62	-103.83
33	.10	.60	23.27	146.17
34	-.03	-.15	-6.05	-38.30
35	.00	-.00	-.05	-.31
36	.03	.18	7.38	47.31
37	.00	-.01	-.24	-1.63
38	.03	.19	8.09	52.15
39	.00	.01	.30	2.01
40	.00	.00	.15	1.02
41	.00	.00	.00	.00
42	.00	.00	.10	.69
43	-.03	-.26	-10.92	-71.45
44	.03	.26	11.13	72.82
45	.00	.00	.00	.00
TOTAL	2.28	3.25	85.05	436.77

TABLE 3.3.4:
NET PERIODIC GROWTH FOR THE PERIOD 1935 TO 1940

DIAMETER BREAST HEIGHT	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
INCHES	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
4	-.63	-.06	-.65	.00
5	-.40	-.04	-.43	.00
6	-.25	-.03	-.27	.00
7	1.01	.29	3.28	.00
8	.43	.14	1.65	.00
9	.51	.23	3.04	.00
10	.53	.30	4.30	.00
11	.20	.15	2.26	.00
12	-.13	-.09	-1.18	-3.47
13	.53	.49	8.87	29.47
14	-.03	-.02	-.47	-1.43
15	-.10	-.12	-2.38	-8.89
16	.05	.05	.76	2.36
17	-.08	-.11	-2.73	-10.98
18	-.18	-.32	-7.61	-33.81
19	-.15	-.31	-8.66	-41.68
20	.20	.42	11.31	54.88
21	-.03	-.07	-2.90	-16.57
22	.15	.40	12.86	70.06
23	-.03	-.08	-3.96	-24.00
24	.30	.98	31.93	182.41
25	-.23	-.76	-24.09	-137.37
26	.00	.00	-1.18	-8.64
27	.10	.42	14.23	84.66
28	.10	.45	16.49	100.40
29	-.18	-.82	-30.54	-187.60
30	-.03	-.11	-3.44	-19.66
31	.10	.53	19.55	120.46
32	.05	.29	10.76	66.84
33	.00	.02	1.66	11.92
34	-.10	-.65	-26.23	-166.93
35	.05	.33	13.41	85.46
36	-.05	-.37	-15.31	-98.43
37	.05	.37	15.36	98.76
38	.03	.20	8.23	53.14
39	.00	.00	.20	1.35
40	-.03	-.23	-9.47	-61.53
41	.03	.23	9.62	62.55
42	.00	.00	.10	.69
43	.00	.00	.00	.00
44	.00	.00	.15	1.03
45	.00	.00	.00	.00
TOTAL	1.82	2.12	48.52	205.43

TABLE 3.3.5:
NET PERIODIC GROWTH FOR THE PERIOD 1940 TO 1945

DIAMETER BREAST HEIGHT	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
INCHES	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
4	2.10	.18	1.94	.00
5	-.33	-.05	-.50	.00
6	-.66	-.14	-1.43	.00
7	.81	.23	2.60	.00
8	.88	.31	3.67	.00
9	.35	.16	2.07	.00
10	-.05	-.03	-.35	.00
11	.38	.23	3.36	.00
12	.30	.22	3.33	9.76
13	.08	.07	1.50	4.97
14	.46	.48	9.17	32.65
15	-.10	-.12	-2.39	-8.72
16	.20	.30	6.79	26.81
17	-.20	-.31	-7.35	-29.60
18	-.10	-.18	-4.84	-21.79
19	-.05	-.09	-2.47	-11.33
20	.03	.06	2.05	10.81
21	.05	.12	3.04	15.25
22	-.03	-.05	-1.57	-7.73
23	-.05	-.15	-5.48	-31.51
24	-.05	-.20	-7.98	-48.51
25	.15	.48	15.46	87.83
26	.08	.27	8.26	46.88
27	.10	.42	14.37	85.45
28	.05	.22	7.63	45.85
29	.10	.46	17.01	103.84
30	-.13	-.61	-22.87	-140.85
31	.03	.12	4.98	31.55
32	.08	.43	16.30	101.71
33	.00	-.01	-.78	-5.94
34	.05	.32	12.69	80.56
35	.03	.18	7.37	47.25
36	-.03	-.17	-6.95	-44.42
37	.00	.01	.33	2.28
38	-.03	-.19	-8.09	-52.15
39	-.08	-.64	-26.95	-174.77
40	.05	.44	18.28	118.65
41	.00	.00	.15	1.02
42	.00	.00	.00	.00
43	.00	.00	.00	.00
44	.00	.00	.15	1.03
45	.00	.00	.00	.00
TOTAL	4.48	2.75	62.48	276.83

TABLE 3.3.6:
NET PERIODIC GROWTH FOR THE PERIOD 1945 TO 1950

DIAMETER BREAST HEIGHT	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
INCHES	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
4	3.56	.51	5.42	.00
5	1.39	.17	1.75	.00
6	-.30	-.07	-.76	.00
7	-.56	-.16	-1.73	.00
8	1.24	.42	4.92	.00
9	.15	.06	.76	.00
10	.61	.33	4.54	.00
11	.08	.08	1.37	.00
12	.20	.17	2.89	9.12
13	.05	.06	1.18	4.65
14	.08	.08	1.51	5.31
15	.15	.18	3.65	13.43
16	-.05	-.07	-1.50	-5.63
17	.10	.16	3.71	14.30
18	-.15	-.28	-7.12	-31.96
19	.03	.06	1.73	8.93
20	-.03	-.03	-1.11	-4.33
21	-.18	-.43	-11.74	-60.45
22	-.03	-.08	-3.20	-18.71
23	.13	.37	11.41	63.18
24	.03	.08	1.77	8.89
25	.05	.19	5.67	32.42
26	-.10	-.39	-12.33	-71.53
27	-.03	-.11	-4.80	-30.60
28	.08	.33	10.69	62.95
29	-.05	-.23	-8.62	-52.95
30	.05	.25	9.49	58.76
31	-.05	-.25	-9.23	-56.60
32	.00	.00	.13	.93
33	-.03	-.16	-7.07	-45.84
34	.05	.31	12.42	78.75
35	-.05	-.34	-13.82	-88.26
36	.00	-.01	-.28	-1.92
37	.00	-.00	-.09	-.64
38	.03	.20	8.14	52.48
39	.00	.00	.00	.00
40	.00	-.00	-.05	-.34
41	.00	.00	.00	.00
42	.00	.00	.05	.34
43	.00	.00	.00	.00
44	.00	.00	.00	.00
45	.00	.00	.00	.00
TOTAL	8.45	1.39	9.74	-54.31

TABLE 3.3.7:
NET PERIODIC GROWTH FOR THE PERIOD 1950 TO 1955

DIAMETER BREAST HEIGHT	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
INCHES	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
4	3.34	.34	3.52	.00
5	5.39	.74	7.44	.00
6	.96	.16	1.63	.00
7	-.46	-.12	-1.29	.00
8	.76	.30	3.71	.00
9	.43	.18	2.21	.00
10	.20	.12	1.59	.00
11	.18	.08	1.00	.00
12	.48	.39	6.37	19.61
13	-.03	-.05	-1.28	-4.97
14	.28	.30	5.99	21.49
15	.30	.36	7.57	28.34
16	.15	.22	4.51	16.80
17	-.20	-.32	-7.48	-29.99
18	.18	.31	7.91	34.76
19	-.08	-.14	-3.94	-18.18
20	-.18	-.39	-11.08	-55.61
21	.08	.16	4.51	22.08
22	.00	-.00	-.51	-3.41
23	.10	.29	9.02	49.88
24	.10	.35	11.44	66.05
25	-.10	-.35	-12.40	-72.86
26	.13	.45	14.89	86.44
27	-.08	-.31	-11.26	-68.07
28	-.05	-.23	-9.18	-57.01
29	.10	.45	16.53	100.62
30	-.05	-.25	-9.70	-60.17
31	.00	-.01	-.57	-3.84
32	.03	.14	5.11	31.30
33	-.05	-.30	-11.56	-72.27
34	.05	.31	12.00	75.17
35	.00	.01	.28	1.87
36	.00	.00	.05	.31
37	-.03	-.19	-8.04	-51.83
38	.03	.20	8.48	54.79
39	-.03	-.21	-8.92	-57.81
40	.00	.00	.20	1.35
41	.00	.00	.00	.00
42	-.03	-.25	-10.37	-67.68
43	.03	.25	10.57	69.05
44	-.03	-.27	-11.43	-74.88
45	.03	.27	11.58	75.91
TOTAL	11.93	2.99	39.11	57.24

TABLE 3.3.8:
NET PERIODIC GROWTH FOR THE PERIOD 1955 TO 1960

DIAMETER BREAST HEIGHT	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
INCHES	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
4	-10.47	-.95	-10.17	.00
5	4.58	.65	6.55	.00
6	5.28	1.05	10.90	.00
7	-.20	-.09	-1.08	.00
8	-.03	-.01	-.18	.00
9	1.34	.61	7.90	.00
10	.05	.02	.33	.00
11	.88	.61	9.33	.00
12	-.40	-.31	-4.44	-14.65
13	.53	.50	9.87	31.91
14	-.25	-.28	-5.31	-19.18
15	.30	.37	7.63	28.50
16	.18	.24	5.21	20.06
17	.15	.23	5.32	21.17
18	.08	.16	4.23	20.46
19	-.18	-.33	-8.63	-39.52
20	-.10	-.23	-6.25	-31.50
21	.13	.32	10.03	53.73
22	-.03	-.06	-1.51	-7.49
23	-.08	-.21	-5.44	-28.40
24	.00	-.00	-.08	-.49
25	.23	.78	25.22	144.99
26	.10	.41	16.27	99.87
27	-.15	-.60	-18.66	-107.76
28	.10	.43	16.34	100.02
29	-.08	-.35	-13.75	-85.60
30	-.08	-.40	-14.43	-88.65
31	.13	.65	25.44	159.17
32	-.05	-.28	-10.19	-62.41
33	.08	.45	18.00	113.81
34	.00	.01	.30	2.01
35	.00	.00	.14	.94
36	.03	.18	7.42	47.62
37	.00	.01	.33	2.28
38	.00	.01	.34	2.32
39	.00	.00	.00	.00
40	.00	.00	.05	.34
41	-.03	-.23	-9.77	-63.57
42	.00	.00	.00	.00
43	.00	.00	.05	.34
44	.00	.00	.00	.00
45	.00	.00	.00	.00
TOTAL	2.05	3.36	77.33	300.31

TABLE 3.3.9:

NET PERIODIC GROWTH FOR THE PERIOD 1960 TO 1970

DIAMETER BREAST HEIGHT	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
INCHES	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
4	-3.69	-.37	-3.85	.00
5	-15.90	-2.20	-22.21	.00
6	1.77	.54	5.82	.00
7	10.06	2.71	29.82	.00
8	2.40	.83	9.78	.00
9	.99	.43	5.55	.00
10	1.29	.71	9.90	.00
11	.43	.27	4.01	.00
12	.83	.65	10.10	31.61
13	.08	.08	1.54	5.78
14	.51	.54	10.96	39.17
15	-.05	-.04	-.52	-1.28
16	.10	.15	3.43	13.60
17	.43	.67	15.24	60.58
18	-.25	-.46	-11.57	-51.94
19	.13	.22	4.82	20.00
20	-.13	-.28	-8.65	-44.34
21	-.10	-.26	-7.88	-42.10
22	-.05	-.15	-3.71	-19.79
23	-.13	-.37	-12.62	-71.35
24	.13	.39	12.45	70.29
25	.05	.20	6.00	34.53
26	.05	.16	2.88	12.70
27	.13	.49	16.90	100.14
28	.00	.03	.63	3.66
29	.00	.01	1.22	8.97
30	-.05	-.25	-10.98	-70.24
31	.00	.01	1.04	7.60
32	.00	.00	.07	.55
33	-.05	-.29	-11.25	-70.81
34	.03	.18	7.78	50.81
35	-.03	-.18	-7.93	-51.92
36	.03	.17	6.13	37.96
37	.03	.19	8.09	52.16
38	-.05	-.39	-16.32	-105.29
39	.03	.21	8.92	57.81
40	-.03	-.22	-9.02	-58.47
41	.03	.23	9.67	62.89
42	.00	.00	.00	.00
43	.00	-.00	-.05	-.34
44	.00	.00	.00	.00
45	.00	.00	.10	.68
TOTAL	-1.01	4.62	66.28	83.62

3.4: Summary Tables

TABLE 3.4.1:

AVERAGE ANNUAL DIAMETER GROWTH BY SIZE CLASSES

DIAMETER BREAST HEIGHT	GROWTH PERIOD								
	1920-25	1925-30	1930-35	1935-40	1940-45	1945-50	1950-55	1955-60	1960-70
INCHES	INCHES								
4	.68	.70	.57	.62	.73	.73	.75	.56	.00
5	.22	.28	.17	.15	.11	.12	.16	.15	.10
6	.14	.17	.16	.14	.12	.12	.12	.14	.14
7	.16	.19	.16	.13	.11	.10	.11	.12	.14
8	.15	.20	.17	.15	.12	.10	.11	.11	.13
9	.17	.20	.18	.16	.11	.10	.11	.11	.09
10	.15	.21	.16	.16	.11	.10	.13	.10	.09
11	.11	.20	.16	.14	.13	.10	.12	.12	.09
12	.11	.13	.14	.12	.10	.08	.12	.09	.08
13	.10	.11	.13	.13	.11	.09	.11	.11	.08
14	.08	.11	.09	.09	.10	.08	.11	.10	.08
15	.10	.09	.11	.08	.08	.07	.10	.10	.07
16	.11	.12	.08	.09	.08	.05	.07	.09	.07
17	.12	.10	.10	.07	.07	.06	.07	.07	.06
18	.10	.11	.10	.09	.08	.05	.08	.07	.06
19	.09	.11	.10	.08	.08	.05	.06	.06	.06
20	.09	.11	.10	.09	.07	.06	.06	.06	.05
21	.09	.09	.10	.08	.08	.06	.06	.07	.05
22	.10	.10	.09	.07	.07	.05	.06	.06	.05
23	.07	.08	.08	.05	.07	.05	.05	.06	.05
24	.08	.08	.08	.07	.07	.05	.06	.05	.06
25	.07	.10	.07	.06	.06	.04	.05	.06	.05
26	.07	.07	.07	.07	.06	.03	.05	.05	.05
27	.05	.07	.06	.06	.06	.03	.04	.03	.04
28	.06	.05	.05	.04	.07	.04	.04	.04	.03
29	.09	.07	.06	.04	.04	.03	.05	.05	.04
30	.06	.06	.06	.06	.04	.02	.03	.03	.05
31	.04	.06	.05	.06	.04	.02	.03	.03	.02
32	.05	.04	.05	.04	.05	.02	.03	.04	.04
33	.07	.05	.06	.04	.05	.02	.04	.05	.04
34	.06	.09	.06	-.01	.06	.03	.04	.03	.03
35	.06	.09	.05	.03	.04	.01	.05	.03	.03
36	.04	.05	.05	.03	.06	.02	.05	.04	.07
37	.03	.03	.04	.05	.03	.02	.04	.04	.03
38	.00	.06	.01	.04	.03	.03	.05	.03	.04
39	.04	.04	.03	.02	.00	.00	.00	.00	.09
40	.03	.03	.03	.00	.05	-.01	.03	.01	.02
41	.04	.00	.00	.06	.06	.00	.00	.00	.09
42	.00	.06	.04	.04	.00	.02	.00	.00	.00
43	.08	.10	.00	.00	.00	.00	.08	.02	-.01
44	.00	.00	.08	.06	.06	.00	.00	.00	.00
45	.20	.20	.20	.00	.00	.20	.06	.00	.02

TABLE 3.4.2:

PERCENT OF TREES IN A DIAMETER CLASS ADVANCING TO THE NEXT DIAMETER CLASS DURING THE GROWTH PERIOD

DIAMETER BREAST HEIGHT	GROWTH PERIOD 1920-25	1925-30	1930-35	1935-40	1940-45	1945-50	1950-55	1955-60	1960-70
INCHES					PERCENT				
4	79.11	80.19	66.00	73.60	89.90	89.02	86.96	60.96	.00
5	64.06	74.68	63.81	57.22	53.04	64.83	78.17	77.78	100.00
6	71.69	68.91	68.75	56.09	53.92	53.12	61.74	72.89	89.00
7	77.88	85.94	74.85	63.77	56.49	50.23	50.25	58.64	91.00
8	66.25	82.73	75.21	72.39	63.31	56.42	49.19	48.58	79.24
9	75.00	81.58	86.32	69.57	65.04	53.33	59.87	59.02	75.41
10	77.78	88.71	77.50	64.36	58.59	53.66	56.49	50.38	81.52
11	56.25	77.78	77.05	62.32	69.05	44.83	69.15	53.49	76.71
12	55.88	53.85	72.46	56.25	60.53	41.67	57.28	39.08	76.67
13	42.86	43.75	59.46	65.52	55.74	39.68	62.90	57.83	69.77
14	44.19	43.48	41.46	37.50	51.72	36.07	56.94	45.16	74.39
15	38.30	44.44	52.27	40.00	36.11	42.86	55.56	56.06	60.94
16	52.17	58.70	37.14	51.35	37.78	25.58	36.73	46.43	66.67
17	42.86	45.28	52.00	34.04	23.08	30.23	31.43	46.34	62.07
18	50.00	55.74	51.85	40.43	39.53	24.32	43.18	25.53	54.05
19	45.10	53.70	50.77	44.07	36.84	25.86	21.82	18.75	60.38
20	50.00	49.09	40.00	50.79	35.94	20.63	26.79	30.77	51.06
21	50.75	36.84	39.66	42.11	37.29	25.00	40.00	31.67	51.79
22	36.36	58.82	40.00	40.98	33.33	27.12	30.51	25.86	55.36
23	44.90	39.29	29.82	32.14	37.04	27.12	28.57	26.67	52.73
24	32.56	41.03	40.00	36.54	42.00	21.57	23.64	30.91	55.00
25	28.57	46.34	31.82	17.14	53.66	18.60	23.08	33.33	52.00
26	42.50	33.33	28.95	34.21	34.15	16.22	30.95	15.22	50.00
27	25.00	41.18	34.29	28.21	25.58	19.05	20.51	9.09	55.26
28	27.27	38.10	38.46	20.00	25.00	20.00	27.27	21.62	27.03
29	36.36	34.62	20.83	5.88	28.57	15.79	43.48	20.00	40.00
30	25.00	48.28	23.33	24.14	8.33	11.54	12.50	28.57	42.11
31	21.05	25.00	27.78	36.36	30.43	4.76	23.81	30.77	23.08
32	14.29	40.00	25.00	28.57	35.29	11.76	22.22	18.75	37.50
33	33.33	50.00	42.86	7.14	21.43	15.38	18.18	28.57	25.00
34	25.00	44.44	12.50	.00	50.00	37.50	40.00	10.00	27.27
35	50.00	50.00	33.33	37.50	11.11	14.29	14.29	14.29	33.33
36	20.00	16.67	28.57	20.00	.00	25.00	25.00	20.00	50.00
37	20.00	.00	33.33	60.00	.00	20.00	25.00	.00	40.00
38	.00	100.00	50.00	33.33	.00	33.33	25.00	.00	.00
39	50.00	.00	.00	.00	.00	.00	.00	.00	100.00
40	50.00	.00	.00	.00	66.67	.00	.00	.00	.00
41	.00	.00	.00	100.00	.00	.00	.00	.00	100.00
42	.00	100.00	.00	.00	.00	.00	.00	.00	.00
43	100.00	.00	.00	.00	.00	.00	100.00	.00	.00
44	.00	.00	100.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	5.26	.00	.00

TABLE 3.4.3:

MORTALITY FOR THE PERIOD 1920 TO 1970 BY DIAMETER CLASS AND KILLING AGENT

DIAMETER BREAST HEIGHT	TOTAL MORTALITY	KILLING AGENT LIGHTNING	WIND	INSECTS	RUST	DWARF-MISTLETOE	SUPPRESSED	ROOT ROT	OTHER IDENTIFIED	UNIDENTIFIED
INCHES					PERCENT					
4	.14	.00	.00	.09	.00	.00	.05	.00	.00	.00
5	.32	.00	.00	.04	.00	.00	.16	.00	.04	.08
6	.44	.00	.08	.12	.00	.00	.20	.00	.00	.04
7	.61	.00	.00	.42	.00	.00	.09	.00	.00	.09
8	.46	.00	.06	.06	.00	.00	.11	.00	.00	.23
9	.31	.00	.08	.00	.00	.00	.16	.00	.00	.08
10	.41	.00	.00	.10	.00	.00	.00	.00	.00	.30
11	.37	.00	.00	.00	.00	.00	.00	.00	.12	.25
12	.71	.00	.14	.28	.00	.00	.00	.14	.00	.14
13	.72	.18	.00	.18	.00	.00	.18	.00	.00	.18
14	.73	.00	.00	.18	.00	.00	.18	.00	.18	.18
15	.62	.00	.21	.21	.00	.00	.00	.00	.21	.00
16	.65	.22	.43	.00	.00	.00	.00	.00	.00	.00
17	.20	.00	.00	.20	.00	.00	.00	.00	.00	.00
18	.42	.00	.00	.00	.00	.21	.00	.00	.21	.00
19	.54	.36	.00	.00	.00	.00	.18	.00	.00	.00
20	.53	.18	.00	.18	.00	.00	.00	.00	.00	.18
21	1.23	.18	.00	.18	.18	.00	.00	.00	.00	.70
22	.72	.18	.00	.36	.00	.00	.00	.00	.18	.00
23	1.27	.36	.18	.36	.36	.00	.00	.00	.00	.00
24	1.86	.21	.21	.62	.00	.21	.00	.00	.21	.41
25	1.44	.00	.00	1.20	.00	.00	.00	.00	.24	.00
26	1.25	.25	.25	.50	.25	.00	.00	.00	.00	.00
27	3.35	1.40	.00	1.12	.00	.00	.00	.00	.56	.28
28	1.67	.33	.33	.67	.33	.00	.00	.00	.00	.00
29	3.49	1.75	.87	.87	.00	.00	.00	.00	.00	.00
30	2.49	.83	.00	1.24	.41	.00	.00	.00	.00	.00
31	1.91	.48	.00	.96	.00	.48	.00	.00	.00	.00
32	3.90	1.30	.00	1.30	.65	.65	.00	.00	.00	.00
33	2.52	.00	.84	.84	.84	.00	.00	.00	.00	.00
34	1.22	1.22	.00	.00	.00	.00	.00	.00	.00	.00
35	4.76	.00	.00	1.59	.00	.00	.00	.00	1.59	1.59
36	1.96	1.96	.00	.00	.00	.00	.00	.00	.00	.00
37	6.98	.00	.00	6.98	.00	.00	.00	.00	.00	.00
38	8.70	4.35	.00	4.35	.00	.00	.00	.00	.00	.00
39	9.09	4.55	4.55	.00	.00	.00	.00	.00	.00	.00
40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
41	14.29	.00	14.29	.00	.00	.00	.00	.00	.00	.00
42	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
44	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
45	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
WEIGHTED AVG	4.59	.95	.82	.65	.51	.40	.32	.28	.22	.21
PERCENTAGE	100.00	20.65	17.76	14.18	11.10	8.69	7.04	6.01	4.74	4.57

TABLE 3.4.4:

STAND TABLE SUMMARY

INVENTORY	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
YEAR	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
1920	49.81	62.04	1904.53	10379.60
1925	55.46	65.47	2001.87	10897.73
1930	59.68	68.52	2076.69	11244.53
1935	61.96	71.77	2161.73	11681.30
1940	63.78	73.89	2210.25	11886.73
1945	68.26	76.64	2272.74	12163.56
1950	66.70	78.03	2282.48	12109.25
1955	78.63	81.02	2321.58	12166.48
1960	80.68	84.37	2398.91	12466.80
1970	79.67	88.99	2465.20	12550.41
TOT. CHANGE 1920-70	38.86	26.95	560.67	2170.81

TABLE 3.4.5:

MORTALITY TABLE SUMMARY

PERIOD	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
YEARS	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
1920-25	.00	.00	.00	.00
1925-30	.38	1.08	37.92	223.29
1930-35	.33	.67	22.31	127.96
1935-40	.58	1.24	40.93	235.67
1940-45	.25	.92	35.42	220.23
1945-50	.21	1.97	63.21	355.63
1950-55	.46	1.71	64.01	392.64
1955-60	.28	.93	34.46	209.44
1960-70	.99	3.47	124.46	746.03
TOTAL	4.48	12.00	422.71	2510.88

TABLE 3.4.6:

NET GROWTH TABLE SUMMARY

PERIOD	TREES PER ACRE	BASAL AREA PER ACRE	VOLUMES PER ACRE	
YEARS	NUMBER	SQUARE FEET	CUBIC FEET	BOARD FEET
1920-25	5.65	3.43	97.34	518.12
1925-30	4.22	3.05	74.82	346.81
1930-35	2.28	3.25	85.35	436.77
1935-40	1.82	2.12	48.52	205.43
1940-45	4.48	2.75	62.48	276.83
1945-50	8.45	1.39	9.74	-54.31
1950-55	11.93	2.99	39.11	57.24
1955-60	3.05	3.36	77.33	300.31
1960-70	-1.01	4.62	66.28	83.62
TOTAL	38.86	26.95	560.67	2170.81

Avery, Charles C., Frederic R. Larson, and Gilbert H. Schubert.
1976. Fifty-year records of virgin stand development in southwestern ponderosa pine. USDA For. Serv. Gen. Tech. Rep. RM-22, 71 p. Rocky Mt. For. and Range Exp. Stn., Fort Collins, Colo. 80521

Ten periodic inventories of an unburned virgin tract of southwestern ponderosa pine near Flagstaff, Arizona, have yielded growth and mortality data on more than 3,000 trees. Fifty years of change on this 40-acre tract are documented, principally in nonmetric units, by (1) individual tree records, (2) 2.5-acre (1.01-ha) subplot summaries of basal area and tree census (tree count) data, and (3) composite stand tables which display volumes (cubic feet and board feet), census data, mortality data and causes, net periodic basal area, volume, and diameter growth. This information should be useful in modeling stand development and also as a data source for research and teaching.

Keywords: *Pinus ponderosa*, stand structure, natural areas.

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